



October 3, 2008

**Database Changes  
UPDATED October 3, 2008**

Dear Valued Client:

In August, 2008,, NMS Labs provided communication regarding important changes to our service menu **effective October 6, 2008**. This notice is to inform you of subsequent modifications to those requirements for select tests. Detailed below are the modifications to the August, 2008 database letter.

**The following Test Codes were removed from the Database Update Letter:**

'Light Protection Required' statement has been removed from the Specimen Requirements and Rejection criteria. No changes to these test codes will be made. Please note: if changes have already been made on the following test codes, specimen requirements would need to be restored.

Test Code	Test Name
1270FL	Clonazepam and Metabolite, Fluid
1270TI	Clonazepam and Metabolite, Tissue
1270U	Clonazepam and Metabolite, Urine
5474U	Clonazepam, Flunitrazepam, Nitrazepam Confirmation, Urine
5488FL	Clonazepam and Metabolite Confirmation, Fluid
5488TI	Clonazepam and Metabolite Confirmation, Tissue
5488U	Clonazepam and Metabolite Confirmation, Urine
9139FL	Clonazepam and Metabolite Screen, Fluid
9139TI	Clonazepam and Metabolite Screen, Tissue
9139U	Clonazepam and Metabolite Screen, Urine

**Specimen Requirements were modified for the following Test Codes:**

'Light Protection Required' statement has been removed from the Specimen Requirements and Rejection Criteria.

Test Code	Test Name
1080B	Chlordiazepoxide and Metabolite, Blood
1080FL	Chlordiazepoxide and Metabolite, Fluid
1080SP	Chlordiazepoxide and Metabolite, Serum/Plasma
1080U	Chlordiazepoxide and Metabolite, Urine
1270B	Clonazepam and Metabolite, Blood
1270SP	Clonazepam and Metabolite, Serum/Plasma
1271SP	Clonazepam and Metabolite, Serum/Plasma (CSA)
1450SP	Drug-Facilitated Sexual Assault Panel, Serum/Plasma (Forensic)
1452B	Drug-Facilitated Sexual Assault Survey 2, Blood (Forensic)
1452U	Drug-Facilitated Sexual Assault Survey 2, Urine (Forensic)
5039SP	Benzodiazepines Confirmation, Serum/Plasma (CSA)
5230B	Benzodiazepines Quantitation/Confirmation, Blood (Forensic)
5230FL	Benzodiazepines Quantitation/Confirmation, Fluid (Forensic)
5230SP	Benzodiazepines Quantitation/Confirmation, Serum/Plasma (Forensic)
5230TI	Benzodiazepines Quantitation/Confirmation, Tissue (Forensic)
5230U	Benzodiazepines Quantitation/Confirmation, Urine (Forensic)
5474B	Clonazepam, Flunitrazepam, Nitrazepam Confirmation, Blood
5474SP	Clonazepam, Flunitrazepam, Nitrazepam Confirmation, Serum/Plasma
5488B	Clonazepam and Metabolite Confirmation, Blood

**Specimen Requirements modifications continued:**

Test Code	Test Name
5488SP	Clonazepam and Metabolite Confirmation, Serum/Plasma
5641B	Benzodiazepines Confirmation, Blood
5641FL	Benzodiazepines Confirmation, Fluid
5641ME	Benzodiazepines Confirmation, Meconium
5641SP	Benzodiazepines Confirmation, Serum/Plasma
5641ST	Benzodiazepines Confirmation, Stool
5641TI	Benzodiazepines Confirmation, Tissue
5641U	Benzodiazepines Confirmation, Urine
5825U	Benzodiazepines Confirmation, Urine
8145B	DFSA Profile, Blood (Forensic)
8145U	DFSA Profile, Urine (Forensic)
8227B	Benzodiazepines, Blood (Forensic)
8227SP	Benzodiazepines, Serum/Plasma (Forensic)
8227TI	Benzodiazepines, Tissue (Forensic)
8227U	Benzodiazepines, Urine (Forensic)
8253B	Chlordiazepoxide and Metabolite, Blood (Forensic)
8253SP	Chlordiazepoxide and Metabolite, Serum/Plasma (Forensic)
8253U	Chlordiazepoxide and Metabolite, Urine (Forensic)
9139B	Clonazepam and Metabolite Screen, Blood
9139SP	Clonazepam and Metabolite Screen, Serum/Plasma
9329B	Benzodiazepines Panel, Blood
9329FL	Benzodiazepines Panel, Fluid
9329ME	Benzodiazepines Panel, Meconium
9329SP	Benzodiazepines Panel, Serum/Plasma
9329TI	Benzodiazepines Panel, Tissue
9329U	Benzodiazepines Panel, Urine
9331SP	Benzodiazepines Panel, Serum/Plasma (CSA)
9400B	Drugs of Abuse - Medical Professionals, Blood (Forensic)
9400SP	Drugs of Abuse - Medical Professionals, Serum/Plasma (Forensic)
9400U	Drugs of Abuse - Medical Professionals, Urine (Forensic)

A revised packet of information is enclosed for you to update your computer systems/records. These changes are important to ensure standardization of our mutual laboratory database and go into effect on **October 6, 2008**.

We apologize for this inconvenience. If you have any questions about the information contained in this packet, please call our Client Support Department at (866) 522-2206. Thank you for your continued support of NMS Labs and your assistance in implementing these changes.

Sincerely,

NMS Labs

**Database Changes - Summary**

<b>Test Code</b>	<b>Test Name</b>	<b>New Test</b>	<b>Method</b>	<b>Scope</b>	<b>Specimen Reqs</b>	<b>Discontinued</b>	<b>Reference Comment</b>	<b>Misc.</b>
0260B	Alprazolam, Blood		.		.		.	
0260FL	Alprazolam, Fluid		.		.			
0260SP	Alprazolam, Serum/Plasma		.		.		.	
0260TI	Alprazolam, Tissue		.		.			
0568R	Benzodiazepines Screen, RBCs					•		
1080B	Chlordiazepoxide and Metabolite, Blood		.	•	.			
1080FL	Chlordiazepoxide and Metabolite, Fluid		.	•	.			
1080SP	Chlordiazepoxide and Metabolite, Serum/Plasma		.	•	.			
1080U	Chlordiazepoxide and Metabolite, Urine		.	•	.			
1267B	Clobazam, Blood		.		.		.	
1267SP	Clobazam, Serum/Plasma		.		.		.	
1267U	Clobazam, Urine		.		.			
1269SP	Clobazam, Serum/Plasma (CSA)		.		.		.	
1270B	Clonazepam and Metabolite, Blood						.	
1270SP	Clonazepam and Metabolite, Serum/Plasma						.	
1271SP	Clonazepam and Metabolite, Serum/Plasma (CSA)						.	
1280B	Clorazepate as Metabolite, Blood		.		•		.	
1280SP	Clorazepate as Metabolite, Serum/Plasma		.		•		.	
1280U	Clorazepate as Metabolite, Urine		.		•			
1450SP	Drug-Facilitated Sexual Assault Panel, Serum/Plasma (Forensic)		.	.	.		.	
1452B	Drug-Facilitated Sexual Assault Survey 2, Blood (Forensic)		.	.	.		.	
1452U	Drug-Facilitated Sexual Assault Survey 2, Urine (Forensic)		.	.	.			
1501B	Diazepam and Metabolites, Blood		.	.	.		.	
1501SP	Diazepam and Metabolites, Serum/Plasma		.	.	.		.	
1501TI	Diazepam and Metabolites, Tissue		.	•	.			
1503SP	Diazepam and Metabolites, Serum/Plasma (CSA)		.	.	.		.	
1958B	Estazolam, Blood		.		•		.	
1958SP	Estazolam, Serum/Plasma		.		•		.	
1958U	Estazolam, Urine		.		•			
2120B	Flurazepam and Metabolites, Blood		.	.	.		.	
2120SP	Flurazepam and Metabolites, Serum/Plasma		.	.	.		.	
2120U	Flurazepam as Metabolites, Urine		.	•	•			•
2198SP	Halazepam as Metabolite, Serum/Plasma		.	•	•		.	
2535B	Lorazepam, Blood		.		•			
2535FL	Lorazepam, Fluid		.		•			
2535SP	Lorazepam, Serum/Plasma		.		.			
2535TI	Lorazepam, Tissue		.		.			
2535U	Lorazepam, Urine		.		.			
3057B	Midazolam, Blood		.		•			
3057FL	Midazolam, Fluid		.		•			
3057SP	Midazolam, Serum/Plasma		.		•			
3057U	Midazolam as Metabolite, Urine		.	.	.			•
3058SP	Midazolam, Serum/Plasma (Study)		.		•			•
3216B	Nordiazepam and Metabolite, Blood		.		•		•	
3216SP	Nordiazepam and Metabolite, Serum/Plasma		.		•		•	
3216U	Nordiazepam and Metabolite, Urine		.		•			
3260B	Oxazepam, Blood		.		•		.	
3260SP	Oxazepam, Serum/Plasma		.		•		.	

**NMS Labs**

3701 Welsh Road, Willow Grove, PA 19090

800-522-6671

**Database Changes - Summary**

<b>Test Code</b>	<b>Test Name</b>	<b>New Test</b>	<b>Method</b>	<b>Scope</b>	<b>Specimen Reqs</b>	<b>Discontinued</b>	<b>Reference Comment</b>	<b>Misc.</b>
3260U	Oxazepam, Urine		.		•			
3787SP	Prazepam as Metabolite, Serum/Plasma					•		
4323B	Temazepam and Metabolite, Blood		.	•	•		•	
4323SP	Temazepam and Metabolite, Serum/Plasma		.	•	•		•	
4323U	Temazepam and Metabolite, Urine		.	•	•			
4543B	Triazolam and Metabolite, Blood		.		•		•	
4543FL	Triazolam and Metabolite, Fluid		.		•			
4543SP	Triazolam and Metabolite, Serum/Plasma		.		•		•	
5039SP	Benzodiazepines Confirmation, Serum/Plasma (CSA)		.	.	.		•	
5060B	Lorazepam Confirmation, Blood	•						
5060FL	Lorazepam Confirmation, Fluid	•						
5060SP	Lorazepam Confirmation, Serum/Plasma	•						
5060TI	Lorazepam Confirmation, Tissue	•						
5061B	Midazolam Confirmation, Blood	•						
5061SP	Midazolam Confirmation, Serum/Plasma	•						
5230B	Benzodiazepines Quantitation/Confirmation, Blood (Forensic)		.	.	.		•	
5230FL	Benzodiazepines Quantitation/Confirmation, Fluid (Forensic)		.	.	.			
5230SP	Benzodiazepines Quantitation/Confirmation, Serum/Plasma (Forensic)		.	.	.		•	
5230TI	Benzodiazepines Quantitation/Confirmation, Tissue (Forensic)		.	.	.			
5230U	Benzodiazepines Quantitation/Confirmation, Urine (Forensic)		.	.	.			
5411B	Diazepam and Metabolites Confirmation, Blood		.		•		•	
5411SP	Diazepam and Metabolites Confirmation, Serum/Plasma		.		•		•	
5411TI	Diazepam and Metabolites Confirmation, Tissue		.		•			
5411U	Diazepam and Metabolites Confirmation, Urine		.		•			
5413B	Flurazepam and Metabolites Confirmation, Blood		.	•	•		•	
5413SP	Flurazepam and Metabolites Confirmation, Serum/Plasma		.	.	.		•	
5413U	Flurazepam as Metabolites Confirmation, Urine		.	.	.			•
5430B	Temazepam and Metabolite Confirmation, Blood		.	•	•		•	
5430FL	Temazepam and Metabolite Confirmation, Fluid		.	•	•			
5430SP	Temazepam and Metabolite Confirmation, Serum/Plasma		.	•	•		•	
5430U	Temazepam and Metabolite Confirmation, Urine		.	•	•			
5474B	Clonazepam, Flunitrazepam, Nitrazepam Confirmation, Blood						•	
5474SP	Clonazepam, Flunitrazepam, Nitrazepam Confirmation, Serum/Plasma						•	
5488B	Clonazepam and Metabolite Confirmation, Blood						•	
5488SP	Clonazepam and Metabolite Confirmation, Serum/Plasma						•	
5641B	Benzodiazepines Confirmation, Blood		.	.	.		•	
5641FL	Benzodiazepines Confirmation, Fluid		.	.	.			
5641ME	Benzodiazepines Confirmation, Meconium		.	.	.			
5641R	Benzodiazepines Confirmation, RBCs					•		

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5641SP	Benzodiazepines Confirmation, Serum/Plasma		.	.	.		.	
5641ST	Benzodiazepines Confirmation, Stool		.	.	.			
5641TI	Benzodiazepines Confirmation, Tissue		.	.	.			
5641U	Benzodiazepines Confirmation, Urine		.	.	.			
5660B	Alprazolam and Metabolite Confirmation, Blood		.		.		.	
5660SP	Alprazolam and Metabolite Confirmation, Serum/Plasma		.		.		.	
5660U	Alprazolam and Metabolite Confirmation, Urine		.		.			
5663B	Triazolam and Metabolite Confirmation, Blood		.		•		.	
5663SP	Triazolam and Metabolite Confirmation, Serum/Plasma		.		•		.	
5663U	Triazolam as Metabolite Confirmation, Urine		.	•	•			•
5825U	Benzodiazepines Confirmation, Urine		.	.	.			
8145B	DFSA Profile, Blood (Forensic)		.	•	•		.	
8145U	DFSA Profile, Urine (Forensic)		.	.	.			
8227B	Benzodiazepines, Blood (Forensic)		.	.	.		.	
8227SP	Benzodiazepines, Serum/Plasma (Forensic)		.	.	.		.	
8227TI	Benzodiazepines, Tissue (Forensic)		.	.	.			
8227U	Benzodiazepines, Urine (Forensic)		.	.	.			
8253B	Chlordiazepoxide and Metabolite, Blood (Forensic)		.	•	.			
8253SP	Chlordiazepoxide and Metabolite, Serum/Plasma (Forensic)		.	•	.			
8253U	Chlordiazepoxide and Metabolite, Urine (Forensic)		.	•	.			
8263B	Clorazepate as Metabolite, Blood (Forensic)		.		•		.	
8324B	Midazolam, Blood (Forensic)					•		
8324SP	Midazolam, Serum/Plasma (Forensic)					•		
8324U	Midazolam, Urine (Forensic)					•		
8332B	Lorazepam, Blood (Forensic)					•		
8332FL	Lorazepam, Fluid (Forensic)					•		
8332SP	Lorazepam, Serum/Plasma (Forensic)					•		
8332TI	Lorazepam, Tissue (Forensic)					•		
8332U	Lorazepam, Urine (Forensic)					•		
8375B	Oxazepam, Blood (Forensic)		.		•		.	
8646B	Alprazolam and Metabolite, Blood		.		.		.	
8646FL	Alprazolam and Metabolite, Fluid		.		.			
8646SP	Alprazolam and Metabolite, Serum/Plasma		.		.		.	
8646TI	Alprazolam and Metabolite, Tissue		.		.			
8646U	Alprazolam and Metabolite, Urine		.		.			
8647B	Triazolam and Metabolite, Blood		.		•		.	
8647SP	Triazolam and Metabolite, Serum/Plasma		.		•		.	
8647U	Triazolam as Metabolite, Urine		.	•	•			•
9060B	Lorazepam Screen, Blood	•						
9060FL	Lorazepam Screen, Fluid	•						
9060SP	Lorazepam Screen, Serum/Plasma	•						
9060TI	Lorazepam Screen, Tissue	•						
9061B	Midazolam Screen, Blood	•						
9061SP	Midazolam Screen, Serum/Plasma	•						
9106B	Alprazolam and Metabolite Screen, Blood		.		.		.	
9106SP	Alprazolam and Metabolite Screen, Serum/Plasma		.		.		.	
9106U	Alprazolam and Metabolite Screen, Urine		.		.			
9139B	Clonazepam and Metabolite Screen, Blood						.	

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<b>Test Code</b>	<b>Test Name</b>	<b>New Test</b>	<b>Method</b>	<b>Scope</b>	<b>Specimen Reqs</b>	<b>Discontinued</b>	<b>Reference Comment</b>	<b>Misc.</b>
9139SP	Clonazepam and Metabolite Screen, Serum/Plasma						.	
9285B	Triazolam and Metabolite Screen, Blood		.		•		.	
9285SP	Triazolam and Metabolite Screen, Serum/Plasma		.		•		.	
9285U	Triazolam as Metabolite Screen, Urine		.	•	•			•
9329B	Benzodiazepines Panel, Blood		.	.	.		.	
9329FL	Benzodiazepines Panel, Fluid		.	.	.			
9329ME	Benzodiazepines Panel, Meconium		.	.	.			
9329R	Benzodiazepines Panel, RBCs					•		
9329SP	Benzodiazepines Panel, Serum/Plasma		.	.	.		.	
9329TI	Benzodiazepines Panel, Tissue		.	.	.			
9329U	Benzodiazepines Panel, Urine		.	.	.			
9331SP	Benzodiazepines Panel, Serum/Plasma (CSA)		.	.	.		.	
9400B	Drugs of Abuse - Medical Professionals, Blood (Forensic)		.	.	.		.	
9400SP	Drugs of Abuse - Medical Professionals, Serum/Plasma (Forensic)		.	.	.		.	
9400U	Drugs of Abuse - Medical Professionals, Urine (Forensic)		.	.	.			

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Changes effective:  
October 6, 2008

**NMS Labs**  
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**NEW TESTS**

Test Code	Test Name	Reporting Limit	Units	Method / CPT Code
<b>9060B</b>	<b>Lorazepam Screen, Blood</b>			
	Scope of Analysis: Lorazepam	5	ng/mL	LC-MS/MS (80100)
	Reference Comment: Therapeutic range: 50 - 240 ng/mL.			
	Specimen Requirements: Specimen Requirements: 2 mL Blood Transport Temperature: Refrigerated Specimen Container: NMS Labs has no experimental or literature-based data regarding the choice of specific specimen collection containers for this test. Light Protection Required: Not Required Special Handling: None Rejection Criteria: None			
	Stability: Room Temperature: 14 day(s) Refrigerated: 14 day(s) Frozen (-20 °C): 14 day(s)			
<b>9060FL</b>	<b>Lorazepam Screen, Fluid</b>			
	Scope of Analysis: Lorazepam	5	ng/mL	LC-MS/MS (80100)
	Reference Comment: No reference data available.			
	Specimen Requirements: Specimen Requirements: 2 mL Fluid Transport Temperature: Refrigerated Specimen Container: NMS Labs has no experimental or literature-based data regarding the choice of specific specimen collection containers for this test. Light Protection Required: Not Required Special Handling: None Rejection Criteria: None			
	Stability: Room Temperature: Undetermined Refrigerated: Undetermined Frozen (-20 °C): Undetermined			
<b>9060SP</b>	<b>Lorazepam Screen, Serum/Plasma</b>			
	Scope of Analysis: Lorazepam	5	ng/mL	LC-MS/MS (80100)
	Reference Comment: Therapeutic range: 50 - 240 ng/mL.			
	Specimen Requirements: Specimen Requirements: 2 mL Serum or Plasma Transport Temperature: Refrigerated Specimen Container: NMS Labs has no experimental or literature-based data regarding the choice of specific specimen collection containers for this test. Light Protection Required: Not Required Special Handling: Promptly centrifuge and separate Serum or Plasma into a plastic screw capped vial using approved guidelines. Rejection Criteria: Polymer gel separation tube (SST or PST).			
	Stability: Room Temperature: 14 day(s) Refrigerated: 14 day(s) Frozen (-20 °C): 14 day(s)			

**NEW TESTS**

Test Code	Test Name	Reporting Limit	Units	Method / CPT Code
<b>9060TI</b>	<b>Lorazepam Screen, Tissue</b>			
	Scope of Analysis: Lorazepam	5	ng/g	LC-MS/MS (80103,80100)
	Reference Comment: No reference data available.			
	Specimen Requirements: Specimen Requirements: 10 g Tissue Transport Temperature: Refrigerated Specimen Container: NMS Labs has no experimental or literature-based data regarding the choice of specific specimen collection containers for this test. Light Protection Required: Not Required Special Handling: None Rejection Criteria: None			
	Stability: Room Temperature: Undetermined Refrigerated: Undetermined Frozen (-20 °C): Undetermined			
<b>5060B</b>	<b>Lorazepam Confirmation, Blood</b>			
	Scope of Analysis: Lorazepam	5	ng/mL	LC-MS/MS (80154)
	Reference Comment: Therapeutic range: 50 - 240 ng/mL.			
	Specimen Requirements: Specimen Requirements: 1 mL Blood Transport Temperature: Refrigerated Specimen Container: NMS Labs has no experimental or literature-based data regarding the choice of specific specimen collection containers for this test. Light Protection Required: Not Required Special Handling: None Rejection Criteria: None			
	Stability: Room Temperature: 14 day(s) Refrigerated: 14 day(s) Frozen (-20 °C): 14 day(s)			
<b>5060FL</b>	<b>Lorazepam Confirmation, Fluid</b>			
	Scope of Analysis: Lorazepam	5	ng/mL	LC-MS/MS (80154)
	Reference Comment: No reference data available.			
	Specimen Requirements: Specimen Requirements: 1 mL Fluid Transport Temperature: Refrigerated Specimen Container: NMS Labs has no experimental or literature-based data regarding the choice of specific specimen collection containers for this test. Light Protection Required: Not Required Special Handling: None Rejection Criteria: None			
	Stability: Room Temperature: Undetermined Refrigerated: Undetermined Frozen (-20 °C): Undetermined			

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**NEW TESTS**

Test Code	Test Name	Reporting Limit	Units	Method / CPT Code
<b>5060SP</b>	<b>Lorazepam Confirmation, Serum/Plasma</b>			
	Scope of Analysis: Lorazepam	5	ng/mL	LC-MS/MS (80154)
	Reference Comment: Therapeutic range: 50 - 240 ng/mL.			
	Specimen Requirements: Specimen Requirements: 1 mL Serum or Plasma Transport Temperature: Refrigerated Specimen Container: NMS Labs has no experimental or literature-based data regarding the choice of specific specimen collection containers for this test. Light Protection Required: Not Required Special Handling: Promptly centrifuge and separate Serum or Plasma into a plastic screw capped vial using approved guidelines. Rejection Criteria: Polymer gel separation tube (SST or PST).			
	Stability: Room Temperature: 14 day(s) Refrigerated: 14 day(s) Frozen (-20 °C): 14 day(s)			
<b>5060TI</b>	<b>Lorazepam Confirmation, Tissue</b>			
	Scope of Analysis: Lorazepam	5	ng/g	LC-MS/MS (80103,80154)
	Reference Comment: No reference data available.			
	Specimen Requirements: Specimen Requirements: 10 g Tissue Transport Temperature: Refrigerated Specimen Container: NMS Labs has no experimental or literature-based data regarding the choice of specific specimen collection containers for this test. Light Protection Required: Not Required Special Handling: None Rejection Criteria: None			
	Stability: Room Temperature: Undetermined Refrigerated: Undetermined Frozen (-20 °C): Undetermined			

**NEW TESTS**

Test Code	Test Name	Reporting Limit	Units	Method / CPT Code
<b>9061B</b>	<b>Midazolam Screen, Blood</b>			
	Scope of Analysis: Midazolam	5	ng/mL	LC-MS/MS (80100)
	Reference Comment: Peak plasma levels following a single 12.5 mg IM dose: approximately 200 ng/mL within 45 minutes of dose. Following a single 75 mcg/kg IV dose over 1 minute: 320 ng/mL at 0.25 hours 250 ng/mL at 0.5 hours 210 ng/mL at 1 hour 140 ng/mL at 2 hours 80 ng/mL at 4 hours 40 ng/mL at 6 hours 20 ng/mL at 8 hours.			
	Specimen Requirements: Specimen Requirements: 2 mL Blood Transport Temperature: Refrigerated Specimen Container: NMS Labs has no experimental or literature-based data regarding the choice of specific specimen collection containers for this test. Light Protection Required: Not Required Special Handling: None Rejection Criteria: None			
	Stability: Room Temperature: 14 day(s) Refrigerated: 14 day(s) Frozen (-20 °C): 14 day(s)			
<b>9061SP</b>	<b>Midazolam Screen, Serum/Plasma</b>			
	Scope of Analysis: Midazolam	5	ng/mL	LC-MS/MS (80100)
	Reference Comment: Peak plasma levels following a single 12.5 mg IM dose: approximately 200 ng/mL within 45 minutes of dose. Following a single 75 mcg/kg IV dose over 1 minute: 320 ng/mL at 0.25 hours 250 ng/mL at 0.5 hours 210 ng/mL at 1 hour 140 ng/mL at 2 hours 80 ng/mL at 4 hours 40 ng/mL at 6 hours 20 ng/mL at 8 hours.			
	Specimen Requirements: Specimen Requirements: 2 mL Serum or Plasma Transport Temperature: Refrigerated Specimen Container: NMS Labs has no experimental or literature-based data regarding the choice of specific specimen collection containers for this test. Light Protection Required: Not Required Special Handling: Promptly centrifuge and separate Serum or Plasma into a plastic screw capped vial using approved guidelines. Rejection Criteria: Polymer gel separation tube (SST or PST).			
	Stability: Room Temperature: 14 day(s) Refrigerated: 14 day(s) Frozen (-20 °C): 14 day(s)			

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**NEW TESTS**

Test Code	Test Name	Reporting Limit	Units	Method / CPT Code
<b>5061B</b>	<b>Midazolam Confirmation, Blood</b>			
	Scope of Analysis: Midazolam	5	ng/mL	LC-MS/MS (80154)
	Reference Comment: Peak plasma levels following a single 12.5 mg IM dose: approximately 200 ng/mL within 45 minutes of dose. Following a single 75 mcg/kg IV dose over 1 minute: 320 ng/mL at 0.25 hours 250 ng/mL at 0.5 hours 210 ng/mL at 1 hour 140 ng/mL at 2 hours 80 ng/mL at 4 hours 40 ng/mL at 6 hours 20 ng/mL at 8 hours.			
	Specimen Requirements: Specimen Requirements: 1 mL Blood Transport Temperature: Refrigerated Specimen Container: NMS Labs has no experimental or literature-based data regarding the choice of specific specimen collection containers for this test. Light Protection Required: Not Required Special Handling: None Rejection Criteria: None			
	Stability: Room Temperature: 14 day(s) Refrigerated: 14 day(s) Frozen (-20 °C): 14 day(s)			
<b>5061SP</b>	<b>Midazolam Confirmation, Serum/Plasma</b>			
	Scope of Analysis: Midazolam	5	ng/mL	LC-MS/MS (80154)
	Reference Comment: Peak plasma levels following a single 12.5 mg IM dose: approximately 200 ng/mL within 45 minutes of dose. Following a single 75 mcg/kg IV dose over 1 minute: 320 ng/mL at 0.25 hours 250 ng/mL at 0.5 hours 210 ng/mL at 1 hour 140 ng/mL at 2 hours 80 ng/mL at 4 hours 40 ng/mL at 6 hours 20 ng/mL at 8 hours.			
	Specimen Requirements: Specimen Requirements: 1 mL Serum or Plasma Transport Temperature: Refrigerated Specimen Container: NMS Labs has no experimental or literature-based data regarding the choice of specific specimen collection containers for this test. Light Protection Required: Not Required Special Handling: Promptly centrifuge and separate Serum or Plasma into a plastic screw capped vial using approved guidelines. Rejection Criteria: Polymer gel separation tube (SST or PST).			
	Stability: Room Temperature: 14 day(s) Refrigerated: 14 day(s) Frozen (-20 °C): 14 day(s)			

Changes effective:  
October 6, 2008

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**TEST CHANGES**

**Method/CPT Code\*, Units of Measurement, Scope of Analysis and Specimen Requirements**

<b>Test Code</b>	<b>Test Name</b>	<b>Units</b>	<b>Method / CPT Code</b>
<b>0260B</b>	<b>Alprazolam, Blood</b> Alprazolam	ng/mL	<b>LC-MS/MS (80154)</b>
<p>Specimen Requirements: Specimen Requirements: 1 mL Blood Transport Temperature: Refrigerated Specimen Container: NMS Labs has no experimental or literature-based data regarding the choice of specific specimen collection containers for this test. Light Protection Required: Not Required Special Handling: None Rejection Criteria: None</p> <p>Summary of Changes: For Quality Improvement purposes the following changes were made. Method was changed. Requested volume was decreased. Refrigerated was added.</p>			
<b>0260FL</b>	<b>Alprazolam, Fluid</b> Alprazolam	ng/mL	<b>LC-MS/MS (80154)</b>
<p>Specimen Requirements: Specimen Requirements: 1 mL Fluid Transport Temperature: Refrigerated Specimen Container: NMS Labs has no experimental or literature-based data regarding the choice of specific specimen collection containers for this test. Light Protection Required: Not Required Special Handling: None Rejection Criteria: None</p> <p>Summary of Changes: For Quality Improvement purposes the following changes were made. Method was changed. Requested volume was decreased. Refrigerated was added.</p>			
<b>0260SP</b>	<b>Alprazolam, Serum/Plasma</b> Alprazolam	ng/mL	<b>LC-MS/MS (80154)</b>
<p>Specimen Requirements: Specimen Requirements: 1 mL Serum/Plasma Transport Temperature: Refrigerated Specimen Container: NMS Labs has no experimental or literature-based data regarding the choice of specific specimen collection containers for this test. Light Protection Required: Not Required Special Handling: Promptly centrifuge and separate Serum or Plasma into a plastic screw capped vial using approved guidelines. Rejection Criteria: Polymer gel separation tube (SST or PST).</p> <p>Summary of Changes: For Quality Improvement purposes the following changes were made. Method was changed. Requested volume was decreased. Refrigerated was added.</p>			

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## TEST CHANGES

### Method/CPT Code\*, Units of Measurement, Scope of Analysis and Specimen Requirements

Test Code	Test Name	Units	Method / CPT Code
<b>0260TI</b>	<b>Alprazolam, Tissue</b> Alprazolam	ng/g	<b>LC-MS/MS (80103,80154)</b>
<p>Specimen Requirements: Specimen Requirements: 10 g Tissue Transport Temperature: Refrigerated Specimen Container: NMS Labs has no experimental or literature-based data regarding the choice of specific specimen collection containers for this test. Light Protection Required: Not Required Special Handling: None Rejection Criteria: None</p> <p>Summary of Changes: For Quality Improvement purposes the following changes were made. Method was changed. Refrigerated was added.</p>			
<b>8646B</b>	<b>Alprazolam and Metabolite, Blood</b> Alprazolam Alpha-Hydroxyalprazolam	ng/mL ng/mL	<b>LC-MS/MS (80154)</b>
<p>Specimen Requirements: Specimen Requirements: 1 mL Blood Transport Temperature: Refrigerated Specimen Container: NMS Labs has no experimental or literature-based data regarding the choice of specific specimen collection containers for this test. Light Protection Required: Not Required Special Handling: None Rejection Criteria: None</p> <p>Summary of Changes: For Quality Improvement purposes the following changes were made. Method was changed. Requested volume was decreased. Refrigerated was added.</p>			
<b>8646FL</b>	<b>Alprazolam and Metabolite, Fluid</b> Alprazolam Alpha-Hydroxyalprazolam	ng/mL ng/mL	<b>LC-MS/MS (80154)</b>
<p>Specimen Requirements: Specimen Requirements: 1 mL Fluid Transport Temperature: Refrigerated Specimen Container: NMS Labs has no experimental or literature-based data regarding the choice of specific specimen collection containers for this test. Light Protection Required: Not Required Special Handling: None Rejection Criteria: None</p> <p>Summary of Changes: For Quality Improvement purposes the following changes were made. Method was changed. Requested volume was decreased. Refrigerated was added.</p>			

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**TEST CHANGES**

**Method/CPT Code\*, Units of Measurement, Scope of Analysis and Specimen Requirements**

<b>Test Code</b>	<b>Test Name</b>	<b>Units</b>	<b>Method / CPT Code</b>
<b>8646SP</b>	<b>Alprazolam and Metabolite, Serum/Plasma</b>		
	Alprazolam	ng/mL	<b>LC-MS/MS (80154)</b>
	Alpha-Hydroxyalprazolam	ng/mL	
Specimen Requirements:	Specimen Requirements: 1 mL Serum/Plasma Transport Temperature: Refrigerated Specimen Container: NMS Labs has no experimental or literature-based data regarding the choice of specific specimen collection containers for this test. Light Protection Required: Not Required Special Handling: Promptly centrifuge and separate Serum or Plasma into a plastic screw capped vial using approved guidelines. Rejection Criteria: Polymer gel separation tube (SST or PST).  Summary of Changes: For Quality Improvement purposes the following changes were made. Method was changed. Requested volume was decreased. Refrigerated was added.		
<b>8646TI</b>	<b>Alprazolam and Metabolite, Tissue</b>		
	Alprazolam	ng/g	<b>LC-MS/MS (80103,80154)</b>
	Alpha-Hydroxyalprazolam	ng/g	
Specimen Requirements:	Specimen Requirements: 10 g Tissue Transport Temperature: Refrigerated Specimen Container: NMS Labs has no experimental or literature-based data regarding the choice of specific specimen collection containers for this test. Light Protection Required: Not Required Special Handling: None Rejection Criteria: None  Summary of Changes: For Quality Improvement purposes the following changes were made. Method was changed. Refrigerated was added.		
<b>8646U</b>	<b>Alprazolam and Metabolite, Urine</b>		
	Alprazolam	ng/mL	<b>LC-MS/MS (80154)</b>
	Alpha-Hydroxyalprazolam	ng/mL	
Specimen Requirements:	Specimen Requirements: 1 mL Urine Transport Temperature: Refrigerated Specimen Container: NMS Labs has no experimental or literature-based data regarding the choice of specific specimen collection containers for this test. Light Protection Required: Not Required Special Handling: None Rejection Criteria: None  Summary of Changes: For Quality Improvement purposes the following changes were made. Method was changed. Refrigerated was added Requested volume was decreased		

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**TEST CHANGES**

**Method/CPT Code\*, Units of Measurement, Scope of Analysis and Specimen Requirements**

<b>Test Code</b>	<b>Test Name</b>	<b>Units</b>	<b>Method / CPT Code</b>
<b>5660B</b>	<b>Alprazolam and Metabolite Confirmation, Blood</b>		
	Alprazolam	ng/mL	<b>LC-MS/MS (80154)</b>
	Alpha-Hydroxyalprazolam	ng/mL	
Specimen Requirements:	Specimen Requirements: 1 mL Blood Transport Temperature: Refrigerated Specimen Container: NMS Labs has no experimental or literature-based data regarding the choice of specific specimen collection containers for this test. Light Protection Required: Not Required Special Handling: None Rejection Criteria: None		
Summary of Changes:	For Quality Improvement purposes the following changes were made. Method was changed Requested volume was decreased Refrigerated was added		
<b>5660SP</b>	<b>Alprazolam and Metabolite Confirmation, Serum/Plasma</b>		
	Alprazolam	ng/mL	<b>LC-MS/MS (80154)</b>
	Alpha-Hydroxyalprazolam	ng/mL	
Specimen Requirements:	Specimen Requirements: 1 mL Serum/Plasma Transport Temperature: Refrigerated Specimen Container: NMS Labs has no experimental or literature-based data regarding the choice of specific specimen collection containers for this test. Light Protection Required: Not Required Special Handling: Promptly centrifuge and separate Serum or Plasma into a plastic screw capped vial using approved guidelines. Rejection Criteria: Polymer gel separation tube (SST or PST).		
Summary of Changes:	For Quality Improvement purposes the following changes were made. Method was changed Requested volume was decreased Refrigerated was added		
<b>5660U</b>	<b>Alprazolam and Metabolite Confirmation, Urine</b>		
	Alprazolam	ng/mL	<b>LC-MS/MS (80154)</b>
	Alpha-Hydroxyalprazolam	ng/mL	
Specimen Requirements:	Specimen Requirements: 1 mL Urine Transport Temperature: Refrigerated Specimen Container: NMS Labs has no experimental or literature-based data regarding the choice of specific specimen collection containers for this test. Light Protection Required: Not Required Special Handling: None Rejection Criteria: None		
Summary of Changes:	For Quality Improvement purposes the following changes were made. Method was changed Requested volume was decreased Refrigerated was added		

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**TEST CHANGES**

**Method/CPT Code\*, Units of Measurement, Scope of Analysis and Specimen Requirements**

<b>Test Code</b>	<b>Test Name</b>	<b>Units</b>	<b>Method / CPT Code</b>
<b>9106B</b>	<b>Alprazolam and Metabolite Screen, Blood</b>		
	Alprazolam	ng/mL	<b>LC-MS/MS (80100)</b>
	Alpha-Hydroxyalprazolam	ng/mL	
Specimen Requirements:	Specimen Requirements: 2 mL Blood Transport Temperature: Refrigerated Specimen Container: NMS Labs has no experimental or literature-based data regarding the choice of specific specimen collection containers for this test. Light Protection Required: Not Required Special Handling: None Rejection Criteria: None		
Summary of Changes:	For Quality Improvement purposes the following changes were made. Method was changed Requested volume was decreased Refrigerated was added		
<b>9106SP</b>	<b>Alprazolam and Metabolite Screen, Serum/Plasma</b>		
	Alprazolam	ng/mL	<b>LC-MS/MS (80100)</b>
	Alpha-Hydroxyalprazolam	ng/mL	
Specimen Requirements:	Specimen Requirements: 2 mL Serum or Plasma Transport Temperature: Refrigerated Specimen Container: NMS Labs has no experimental or literature-based data regarding the choice of specific specimen collection containers for this test. Light Protection Required: Not Required Special Handling: Promptly centrifuge and separate Serum or Plasma into a plastic screw capped vial using approved guidelines. Rejection Criteria: Polymer gel separation tube (SST or PST).		
Summary of Changes:	For Quality Improvement purposes the following changes were made. Method was changed Requested volume was decreased Refrigerated was added		
<b>9106U</b>	<b>Alprazolam and Metabolite Screen, Urine</b>		
	Alprazolam	ng/mL	<b>LC-MS/MS (80100)</b>
	Alpha-Hydroxyalprazolam	ng/mL	
Specimen Requirements:	Specimen Requirements: 2 mL Urine Transport Temperature: Refrigerated Specimen Container: NMS Labs has no experimental or literature-based data regarding the choice of specific specimen collection containers for this test. Light Protection Required: Not Required Special Handling: None Rejection Criteria: None		
Summary of Changes:	For Quality Improvement purposes the following changes were made. Method was changed Requested volume was decreased Refrigerated was added		

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**TEST CHANGES**

**Method/CPT Code\*, Units of Measurement, Scope of Analysis and Specimen Requirements**

Test Code	Test Name	Units	Method / CPT Code	
5641B	<b>Benzodiazepines Confirmation, Blood</b>			
	Diazepam	ng/mL		
	Nordiazepam	ng/mL		
	Oxazepam	ng/mL		
	Temazepam	ng/mL		
	<b>Clobazam</b>	<b>ng/mL</b>		
	Chlordiazepoxide	ng/mL		
	Lorazepam	ng/mL		
	<b>Clonazepam</b>	<b>ng/mL</b>		
	<b>7-Amino Clonazepam</b>	<b>ng/mL</b>	<b>LC-MS/MS (80154)</b>	
	Alprazolam	ng/mL		
	Alpha-Hydroxyalprazolam	ng/mL		
	Midazolam	ng/mL		
	Triazolam	ng/mL		
	Hydroxytriazolam	ng/mL		
	Hydroxyethylflurazepam	ng/mL		
	Desalkylflurazepam	ng/mL		
	Flurazepam	ng/mL		
	Estazolam	ng/mL		
Specimen Requirements:	Specimen Requirements: 1 mL Blood Transport Temperature: Refrigerated Specimen Container: NMS Labs has no experimental or literature-based data regarding the choice of specific specimen collection containers for this test. Light Protection Required: Not Required Special Handling: None Rejection Criteria: None			
Summary of Changes:	For Quality Improvement purposes the following changes were made. Method was changed. 7-Amino Clonazepam, Clobazam and Clonazepam were added. Requested volume was decreased. Refrigerated was added.			

Changes effective:  
October 6, 2008

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**TEST CHANGES**

**Method/CPT Code\*, Units of Measurement, Scope of Analysis and Specimen Requirements**

Test Code	Test Name	Units	Method / CPT Code	
5641FL	<b>Benzodiazepines Confirmation, Fluid</b>			
	Diazepam	ng/mL		
	Nordiazepam	ng/mL		
	Oxazepam	ng/mL		
	Temazepam	ng/mL		
	<b>Clobazam</b>	<b>ng/mL</b>		
	Chlordiazepoxide	ng/mL		
	Lorazepam	ng/mL		
	<b>Clonazepam</b>	<b>ng/mL</b>		
	<b>7-Amino Clonazepam</b>	<b>ng/mL</b>	<b>LC-MS/MS (80154)</b>	
	Alprazolam	ng/mL		
	Alpha-Hydroxyalprazolam	ng/mL		
	Midazolam	ng/mL		
	Triazolam	ng/mL		
	Hydroxytriazolam	ng/mL		
	Hydroxyethylflurazepam	ng/mL		
	Desalkylflurazepam	ng/mL		
	Flurazepam	ng/mL		
	Estazolam	ng/mL		
Specimen Requirements:	Specimen Requirements: 1 mL Fluid Transport Temperature: Refrigerated Specimen Container: NMS Labs has no experimental or literature-based data regarding the choice of specific specimen collection containers for this test. Light Protection Required: Not Required Special Handling: None Rejection Criteria: None			
Summary of Changes:	For Quality Improvement purposes the following changes were made. Method was changed. 7-Amino Clonazepam, Clobazam and Clonazepam were added. Requested volume was decreased. Refrigerated was added.			

Changes effective:  
October 6, 2008

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**TEST CHANGES**

**Method/CPT Code\*, Units of Measurement, Scope of Analysis and Specimen Requirements**

Test Code	Test Name	Units	Method / CPT Code	
5641ME	<b>Benzodiazepines Confirmation, Meconium</b>			
	Diazepam	ng/g		
	Nordiazepam	ng/g		
	Oxazepam	ng/g		
	Temazepam	ng/g		
	<b>Clobazam</b>	<b>ng/g</b>		
	Chlordiazepoxide	ng/g		
	Lorazepam	ng/g		
	<b>7-Amino Clonazepam</b>	<b>ng/g</b>	<b>LC-MS/MS (80103,80154)</b>	
	Alprazolam	ng/g		
	Alpha-Hydroxyalprazolam	ng/g		
	<b>1-Hydroxymidazolam</b>	<b>ng/g</b>		
	Hydroxytriazolam	ng/g		
	Hydroxyethylflurazepam	ng/g		
	Desalkylflurazepam	ng/g		
	Estazolam	ng/g		
Specimen Requirements:	Specimen Requirements: 5 g Meconium Transport Temperature: Refrigerated Specimen Container: NMS Labs has no experimental or literature-based data regarding the choice of specific specimen collection containers for this test. Light Protection Required: Not Required Special Handling: None Rejection Criteria: None			
Summary of Changes:	For Quality Improvement purposes the following changes were made. Method was changed. 1-Hydroxymidazolam, 7-Amino Clonazepam and Clobazam were added. Flurazepam, Midazolam and Triazolam were removed. Refrigerated was added.			

Changes effective:  
October 6, 2008

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**TEST CHANGES**

**Method/CPT Code\*, Units of Measurement, Scope of Analysis and Specimen Requirements**

Test Code	Test Name	Units	Method / CPT Code
5641SP	<b>Benzodiazepines Confirmation, Serum/Plasma</b>		
	Diazepam	ng/mL	
	Nordiazepam	ng/mL	
	Oxazepam	ng/mL	
	Temazepam	ng/mL	
	<b>Clobazam</b>	<b>ng/mL</b>	
	Chlordiazepoxide	ng/mL	
	Lorazepam	ng/mL	
	<b>Clonazepam</b>	<b>ng/mL</b>	
	<b>7-Amino Clonazepam</b>	<b>ng/mL</b>	<b>LC-MS/MS (80154)</b>
	Alprazolam	ng/mL	
	Alpha-Hydroxyalprazolam	ng/mL	
	Midazolam	ng/mL	
	Triazolam	ng/mL	
	Hydroxytriazolam	ng/mL	
	Hydroxyethylflurazepam	ng/mL	
	Desalkylflurazepam	ng/mL	
	Flurazepam	ng/mL	
	Estazolam	ng/mL	
Specimen Requirements:	Specimen Requirements: 1 mL Serum or Plasma Transport Temperature: Refrigerated Specimen Container: NMS Labs has no experimental or literature-based data regarding the choice of specific specimen collection containers for this test. Light Protection Required: Not Required Special Handling: Promptly centrifuge and separate Serum or Plasma into a plastic screw capped vial using approved guidelines. Rejection Criteria: Polymer gel separation tube (SST or PST).		
Summary of Changes:	For Quality Improvement purposes the following changes were made. Method was changed. 7-Amino Clonazepam, Clobazam and Clonazepam were added. Requested volume was decreased. Refrigerated was added.		

Changes effective:  
October 6, 2008

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**TEST CHANGES**

**Method/CPT Code\*, Units of Measurement, Scope of Analysis and Specimen Requirements**

Test Code	Test Name	Units	Method / CPT Code	
5641ST	<b>Benzodiazepines Confirmation, Stool</b>			
	Diazepam	ng/g		
	Nordiazepam	ng/g		
	Oxazepam	ng/g		
	Temazepam	ng/g		
	<b>Clobazam</b>	<b>ng/g</b>		
	Chlordiazepoxide	ng/g		
	Lorazepam	ng/g		
	<b>7-Amino Clonazepam</b>	<b>ng/g</b>	<b>LC-MS/MS (80103,80154)</b>	
	Alprazolam	ng/g		
	Alpha-Hydroxyalprazolam	ng/g		
	<b>1-Hydroxymidazolam</b>	<b>ng/g</b>		
	Hydroxytriazolam	ng/g		
	Hydroxyethylflurazepam	ng/g		
	Desalkylflurazepam	ng/g		
	Estazolam	ng/g		
Specimen Requirements:	Specimen Requirements: 2 g Stool Transport Temperature: Frozen Specimen Container: NMS Labs has no experimental or literature-based data regarding the choice of specific specimen collection containers for this test. Light Protection Required: Not Required Special Handling: None Rejection Criteria: None			
Summary of Changes:	For Quality Improvement purposes the following changes were made. Method was changed. 1-Hydroxymidazolam, 7-Amino Clonazepam and Clobazam were added. Flurazepam, Midazolam and Triazolam were removed.			

Changes effective:  
October 6, 2008

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**TEST CHANGES**

**Method/CPT Code\*, Units of Measurement, Scope of Analysis and Specimen Requirements**

Test Code	Test Name	Units	Method / CPT Code	
5641TI	<b>Benzodiazepines Confirmation, Tissue</b>			
	Diazepam	ng/g		
	Nordiazepam	ng/g		
	Oxazepam	ng/g		
	Temazepam	ng/g		
	<b>Clobazam</b>	<b>ng/g</b>		
	Chlordiazepoxide	ng/g		
	Lorazepam	ng/g		
	<b>Clonazepam</b>	<b>ng/g</b>		
	<b>7-Amino Clonazepam</b>	<b>ng/g</b>	<b>LC-MS/MS (80103,80154)</b>	
	Alprazolam	ng/g		
	Alpha-Hydroxyalprazolam	ng/g		
	Midazolam	ng/g		
	Triazolam	ng/g		
	Hydroxytriazolam	ng/g		
	Hydroxyethylflurazepam	ng/g		
	Desalkylflurazepam	ng/g		
	Flurazepam	ng/g		
	Estazolam	ng/g		
Specimen Requirements:	Specimen Requirements: 10 g Tissue Transport Temperature: Refrigerated Specimen Container: NMS Labs has no experimental or literature-based data regarding the choice of specific specimen collection containers for this test. Light Protection Required: Not Required Special Handling: None Rejection Criteria: None			
Summary of Changes:	For Quality Improvement purposes the following changes were made. Method was changed. 7-Amino Clonazepam, Clobazam and Clonazepam were added. Refrigerated was added.			

Changes effective:  
October 6, 2008

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**TEST CHANGES**

**Method/CPT Code\*, Units of Measurement, Scope of Analysis and Specimen Requirements**

Test Code	Test Name	Units	Method / CPT Code
5641U	<b>Benzodiazepines Confirmation, Urine</b>		
	Diazepam	ng/mL	
	Nordiazepam	ng/mL	
	Oxazepam	ng/mL	
	Temazepam	ng/mL	
	<b>Clobazam</b>	<b>ng/mL</b>	
	Chlordiazepoxide	ng/mL	
	Lorazepam	ng/mL	
	<b>7-Amino Clonazepam</b>	<b>ng/mL</b>	<b>LC-MS/MS (80154)</b>
	Alprazolam	ng/mL	
	Alpha-Hydroxyalprazolam	ng/mL	
	<b>1-Hydroxymidazolam</b>	<b>ng/mL</b>	
	Hydroxytriazolam	ng/mL	
	Hydroxyethylflurazepam	ng/mL	
	Desalkylflurazepam	ng/mL	
	Estazolam	ng/mL	
Specimen Requirements:	Specimen Requirements: 1 mL Urine Transport Temperature: Refrigerated Specimen Container: NMS Labs has no experimental or literature-based data regarding the choice of specific specimen collection containers for this test. Light Protection Required: Not Required Special Handling: None Rejection Criteria: None		
Summary of Changes:	For Quality Improvement purposes the following changes were made. Method was changed. 1-Hydroxymidazolam, 7-Amino Clonazepam and Clobazam were added. Flurazepam, Midazolam and Triazolam were removed. Requested volume was decreased.		

Changes effective:  
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**TEST CHANGES**

**Method/CPT Code\*, Units of Measurement, Scope of Analysis and Specimen Requirements**

Test Code	Test Name	Units	Method / CPT Code	
5039SP	<b>Benzodiazepines Confirmation, Serum/Plasma (CSA)</b>			
	Diazepam	ng/mL		
	Nordiazepam	ng/mL		
	Oxazepam	ng/mL		
	Temazepam	ng/mL		
	<b>Clobazam</b>	<b>ng/mL</b>		
	Chlordiazepoxide	ng/mL		
	Lorazepam	ng/mL		
	<b>Clonazepam</b>	<b>ng/mL</b>		
	<b>7-Amino Clonazepam</b>	<b>ng/mL</b>	<b>LC-MS/MS (80154)</b>	
	Alprazolam	ng/mL		
	Alpha-Hydroxyalprazolam	ng/mL		
	Midazolam	ng/mL		
	Triazolam	ng/mL		
	Hydroxytriazolam	ng/mL		
	Hydroxyethylflurazepam	ng/mL		
	Desalkylflurazepam	ng/mL		
	Flurazepam	ng/mL		
	Estazolam	ng/mL		
Specimen Requirements:	<p>Specimen Requirements: 1 mL Serum or Plasma            Transport Temperature: Refrigerated            Specimen Container: NMS Labs has no experimental or literature-based data regarding the choice of specific specimen collection containers for this test.            Light Protection Required: Not Required            Special Handling: Promptly centrifuge and separate Serum or Plasma into a plastic screw capped vial using approved guidelines.            Rejection Criteria: Polymer gel separation tube (SST or PST).</p>			
Summary of Changes:	<p>For Quality Improvement purposes the following changes were made.            Method was changed.            7-Amino Clonazepam, Clobazam and Clonazepam were added.            Requested volume was decreased.            Refrigerated was added.</p>			

Changes effective:  
October 6, 2008

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**TEST CHANGES**

**Method/CPT Code\*, Units of Measurement, Scope of Analysis and Specimen Requirements**

Test Code	Test Name	Units	Method / CPT Code
5825U	<b>Benzodiazepines Confirmation, Urine</b>		
	Diazepam	ng/mL	
	Nordiazepam	ng/mL	
	Oxazepam	ng/mL	
	Temazepam	ng/mL	
	<b>Clobazam</b>	<b>ng/mL</b>	
	Chlordiazepoxide	ng/mL	
	Lorazepam	ng/mL	
	<b>7-Amino Clonazepam</b>	<b>ng/mL</b>	<b>LC-MS/MS (80154)</b>
	Alprazolam	ng/mL	
	Alpha-Hydroxyalprazolam	ng/mL	
	<b>1-Hydroxymidazolam</b>	<b>ng/mL</b>	
	Hydroxytriazolam	ng/mL	
	Hydroxyethylflurazepam	ng/mL	
	Desalkylflurazepam	ng/mL	
	Estazolam	ng/mL	
Specimen Requirements:	Specimen Requirements: 1 mL Urine Transport Temperature: Refrigerated Specimen Container: NMS Labs has no experimental or literature-based data regarding the choice of specific specimen collection containers for this test. Light Protection Required: Not Required Special Handling: None Rejection Criteria: Received Room Temperature.		
Summary of Changes:	For Quality Improvement purposes the following changes were made. Method was changed. 1-Hydroxymidazolam, 7-Amino Clonazepam and Clobazam were added. Flurazepam, Midazolam and Triazolam were removed. Requested volume was decreased.		

Changes effective:  
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**TEST CHANGES**

**Method/CPT Code\*, Units of Measurement, Scope of Analysis and Specimen Requirements**

Test Code	Test Name	Units	Method / CPT Code
8227B	<b>Benzodiazepines, Blood (Forensic)</b>		
	Benzodiazepines	ng/mL	ELISA (80101)
	Diazepam	ng/mL	LC-MS/MS (80154)
	Nordiazepam	ng/mL	
	Oxazepam	ng/mL	
	Temazepam	ng/mL	
	<b>Clobazam</b>	<b>ng/mL</b>	
	Chlordiazepoxide	ng/mL	
	Lorazepam	ng/mL	
	<b>Clonazepam</b>	<b>ng/mL</b>	
	<b>7-Amino Clonazepam</b>	<b>ng/mL</b>	
	Alprazolam	ng/mL	
	Alpha-Hydroxyalprazolam	ng/mL	
	Midazolam	ng/mL	
	Triazolam	ng/mL	
	Hydroxytriazolam	ng/mL	
	Hydroxyethylflurazepam	ng/mL	
	Desalkylflurazepam	ng/mL	
Flurazepam	ng/mL		
Estazolam	ng/mL		
Specimen Requirements:	Specimen Requirements: 1 mL Blood Transport Temperature: Refrigerated Specimen Container: NMS Labs has no experimental or literature-based data regarding the choice of specific specimen collection containers for this test. Light Protection Required: Not Required Special Handling: None Rejection Criteria: None		
Summary of Changes:	For Quality Improvement purposes the following changes were made. Method was changed. 7-Amino Clonazepam, Clobazam and Clonazepam were added. Requested volume was decreased. Refrigerated was added.		

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**TEST CHANGES**

**Method/CPT Code\*, Units of Measurement, Scope of Analysis and Specimen Requirements**

<b>Test Code</b>	<b>Test Name</b>	<b>Units</b>	<b>Method / CPT Code</b>
<b>8227SP</b>	<b>Benzodiazepines, Serum/Plasma (Forensic)</b>		
	Benzodiazepines	ng/mL	ELISA (80101)
	Diazepam	ng/mL	
	Nordiazepam	ng/mL	
	Oxazepam	ng/mL	
	Temazepam	ng/mL	
	<b>Clobazam</b>	<b>ng/mL</b>	
	Chlordiazepoxide	ng/mL	
	Lorazepam	ng/mL	
	<b>Clonazepam</b>	<b>ng/mL</b>	
	<b>7-Amino Clonazepam</b>	<b>ng/mL</b>	<b>LC-MS/MS (80154)</b>
	Alprazolam	ng/mL	
	Alpha-Hydroxyalprazolam	ng/mL	
	Midazolam	ng/mL	
	Triazolam	ng/mL	
	Hydroxytriazolam	ng/mL	
	Hydroxyethylflurazepam	ng/mL	
Desalkylflurazepam	ng/mL		
Flurazepam	ng/mL		
Estazolam	ng/mL		
Specimen Requirements:	Specimen Requirements: 2 mL Serum or Plasma Transport Temperature: Refrigerated Specimen Container: NMS Labs has no experimental or literature-based data regarding the choice of specific specimen collection containers for this test. Light Protection Required: Not Required Special Handling: Submit with Chain of Custody. Promptly centrifuge and separate Serum or Plasma into a plastic screw capped vial using approved guidelines. Rejection Criteria: Polymer gel separation tube (SST or PST).		
Summary of Changes:	For Quality Improvement purposes the following changes were made. Method was changed. 7-Amino Clonazepam, Clobazam and Clonazepam were added. Requested volume was decreased. Refrigerated was added.		

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**TEST CHANGES**

**Method/CPT Code\*, Units of Measurement, Scope of Analysis and Specimen Requirements**

<b>Test Code</b>	<b>Test Name</b>	<b>Units</b>	<b>Method / CPT Code</b>
<b>8227TI</b>	<b>Benzodiazepines, Tissue (Forensic)</b>		
	Benzodiazepines	ng/g	ELISA (80101)
	Diazepam	ng/g	
	Nordiazepam	ng/g	
	Oxazepam	ng/g	
	Temazepam	ng/g	
	<b>Clobazam</b>	<b>ng/g</b>	
	Chlordiazepoxide	ng/g	
	Lorazepam	ng/g	
	<b>Clonazepam</b>	<b>ng/g</b>	
	<b>7-Amino Clonazepam</b>	<b>ng/g</b>	<b>LC-MS/MS (80103,80154)</b>
	Alprazolam	ng/g	
	Alpha-Hydroxyalprazolam	ng/g	
	Midazolam	ng/g	
	Triazolam	ng/g	
	Hydroxytriazolam	ng/g	
	Hydroxyethylflurazepam	ng/g	
	Desalkylflurazepam	ng/g	
Flurazepam	ng/g		
Estazolam	ng/g		
<p>Specimen Requirements: Specimen Requirements: 10 g Tissue            Transport Temperature: Refrigerated            Specimen Container: NMS Labs has no experimental or literature-based data regarding the choice of specific specimen collection containers for this test.            Light Protection Required: Not Required            Special Handling: Submit with Chain of Custody.            Rejection Criteria: None</p> <p>Summary of Changes: For Quality Improvement purposes the following changes were made.            Method was changed.            7-Amino Clonazepam, Clobazam and Clonazepam were added.            Refrigerated was added.</p>			

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**TEST CHANGES**

**Method/CPT Code\*, Units of Measurement, Scope of Analysis and Specimen Requirements**

<b>Test Code</b>	<b>Test Name</b>	<b>Units</b>	<b>Method / CPT Code</b>
<b>8227U</b>	<b>Benzodiazepines, Urine (Forensic)</b>		
	Benzodiazepines	ng/mL	EIA (80101)
	Diazepam	ng/mL	LC-MS/MS (80154)
	Nordiazepam	ng/mL	
	Oxazepam	ng/mL	
	Temazepam	ng/mL	
	<b>Clobazam</b>	<b>ng/mL</b>	
	Chlordiazepoxide	ng/mL	
	Lorazepam	ng/mL	
	<b>7-Amino Clonazepam</b>	<b>ng/mL</b>	
	Alprazolam	ng/mL	
	Alpha-Hydroxyalprazolam	ng/mL	
	<b>1-Hydroxymidazolam</b>	<b>ng/mL</b>	
	Hydroxytriazolam	ng/mL	
	Hydroxyethylflurazepam	ng/mL	
Desalkylflurazepam	ng/mL		
Estazolam	ng/mL		
Specimen Requirements:	Specimen Requirements: 3 mL Urine Transport Temperature: Refrigerated Specimen Container: NMS Labs has no experimental or literature-based data regarding the choice of specific specimen collection containers for this test. Light Protection Required: Not Required Special Handling: Submit with Chain of Custody. Rejection Criteria: Received Room Temperature.		
Summary of Changes:	For Quality Improvement purposes the following changes were made. Method was changed. 1-Hydroxymidazolam, 7-Amino Clonazepam and Clobazam were added. Flurazepam, Midazolam and Triazolam were removed. Requested volume was decreased.		

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**TEST CHANGES**

**Method/CPT Code\*, Units of Measurement, Scope of Analysis and Specimen Requirements**

Test Code	Test Name	Units	Method / CPT Code	
9329B	<b>Benzodiazepines Panel, Blood</b>			
	Diazepam	ng/mL		
	Nordiazepam	ng/mL		
	Oxazepam	ng/mL		
	Temazepam	ng/mL		
	<b>Clobazam</b>	<b>ng/mL</b>		
	Chlordiazepoxide	ng/mL		
	Lorazepam	ng/mL		
	<b>Clonazepam</b>	<b>ng/mL</b>		
	<b>7-Amino Clonazepam</b>	<b>ng/mL</b>	<b>LC-MS/MS (80154)</b>	
	Alprazolam	ng/mL		
	Alpha-Hydroxyalprazolam	ng/mL		
	Midazolam	ng/mL		
	Triazolam	ng/mL		
	Hydroxytriazolam	ng/mL		
	Hydroxyethylflurazepam	ng/mL		
	Desalkylflurazepam	ng/mL		
	Flurazepam	ng/mL		
	Estazolam	ng/mL		
Specimen Requirements:	Specimen Requirements: 1 mL Blood Transport Temperature: Refrigerated Specimen Container: NMS Labs has no experimental or literature-based data regarding the choice of specific specimen collection containers for this test. Light Protection Required: Not Required Special Handling: None Rejection Criteria: None			
Summary of Changes:	For Quality Improvement purposes the following changes were made. Method was changed. 7-Amino Clonazepam, Clobazam and Clonazepam were added. Requested volume was decreased. Refrigerated was added.			

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**TEST CHANGES**

**Method/CPT Code\*, Units of Measurement, Scope of Analysis and Specimen Requirements**

Test Code	Test Name	Units	Method / CPT Code	
9329FL	<b>Benzodiazepines Panel, Fluid</b>			
	Diazepam	ng/mL		
	Nordiazepam	ng/mL		
	Oxazepam	ng/mL		
	Temazepam	ng/mL		
	<b>Clobazam</b>	<b>ng/mL</b>		
	Chlordiazepoxide	ng/mL		
	Lorazepam	ng/mL		
	<b>Clonazepam</b>	<b>ng/mL</b>		
	<b>7-Amino Clonazepam</b>	<b>ng/mL</b>	<b>LC-MS/MS (80154)</b>	
	Alprazolam	ng/mL		
	Alpha-Hydroxyalprazolam	ng/mL		
	Midazolam	ng/mL		
	Triazolam	ng/mL		
	Hydroxytriazolam	ng/mL		
	Hydroxyethylflurazepam	ng/mL		
	Desalkylflurazepam	ng/mL		
	Flurazepam	ng/mL		
	Estazolam	ng/mL		
Specimen Requirements:	Specimen Requirements: 1 mL Fluid Transport Temperature: Refrigerated Specimen Container: NMS Labs has no experimental or literature-based data regarding the choice of specific specimen collection containers for this test. Light Protection Required: Not Required Special Handling: None Rejection Criteria: None			
Summary of Changes:	For Quality Improvement purposes the following changes were made. Method was changed. 7-Amino Clonazepam, Clobazam and Clonazepam were added. Requested volume was decreased. Refrigerated was added.			

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**TEST CHANGES**

**Method/CPT Code\*, Units of Measurement, Scope of Analysis and Specimen Requirements**

Test Code	Test Name	Units	Method / CPT Code	
9329ME	<b>Benzodiazepines Panel, Meconium</b>			
	Diazepam	ng/g		
	Nordiazepam	ng/g		
	Oxazepam	ng/g		
	Temazepam	ng/g		
	<b>Clobazam</b>	<b>ng/g</b>		
	Chlordiazepoxide	ng/g		
	Lorazepam	ng/g		
	<b>7-Amino Clonazepam</b>	<b>ng/g</b>	<b>LC-MS/MS (80103,80154)</b>	
	Alprazolam	ng/g		
	Alpha-Hydroxyalprazolam	ng/g		
	<b>1-Hydroxymidazolam</b>	<b>ng/g</b>		
	Hydroxytriazolam	ng/g		
	Hydroxyethylflurazepam	ng/g		
	Desalkylflurazepam	ng/g		
	Estazolam	ng/g		
Specimen Requirements:	Specimen Requirements: 5 g Meconium Transport Temperature: Refrigerated Specimen Container: NMS Labs has no experimental or literature-based data regarding the choice of specific specimen collection containers for this test. Light Protection Required: Not Required Special Handling: None Rejection Criteria: None			
Summary of Changes:	For Quality Improvement purposes the following changes were made. Method was changed. 1-Hydroxymidazolam, 7-Amino Clonazepam and Clobazam were added. Flurazepam, Midazolam and Triazolam were removed. Refrigerated was added.			

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**TEST CHANGES**

**Method/CPT Code\*, Units of Measurement, Scope of Analysis and Specimen Requirements**

Test Code	Test Name	Units	Method / CPT Code	
9329SP	<b>Benzodiazepines Panel, Serum/Plasma</b>			
	Diazepam	ng/mL		
	Nordiazepam	ng/mL		
	Oxazepam	ng/mL		
	Temazepam	ng/mL		
	<b>Clobazam</b>	<b>ng/mL</b>		
	Chlordiazepoxide	ng/mL		
	Lorazepam	ng/mL		
	<b>Clonazepam</b>	<b>ng/mL</b>		
	<b>7-Amino Clonazepam</b>	<b>ng/mL</b>	<b>LC-MS/MS (80154)</b>	
	Alprazolam	ng/mL		
	Alpha-Hydroxyalprazolam	ng/mL		
	Midazolam	ng/mL		
	Triazolam	ng/mL		
	Hydroxytriazolam	ng/mL		
	Hydroxyethylflurazepam	ng/mL		
	Desalkylflurazepam	ng/mL		
	Flurazepam	ng/mL		
	Estazolam	ng/mL		
Specimen Requirements:	<p>Specimen Requirements: 1 mL Serum or Plasma            Transport Temperature: Refrigerated            Specimen Container: NMS Labs has no experimental or literature-based data regarding the choice of specific specimen collection containers for this test.            Light Protection Required: Not Required            Special Handling: Promptly centrifuge and separate Serum or Plasma into a plastic screw capped vial using approved guidelines.            Rejection Criteria: Polymer gel separation tube (SST or PST).</p>			
Summary of Changes:	<p>For Quality Improvement purposes the following changes were made.            Method was changed.            7-Amino Clonazepam, Clobazam and Clonazepam were added.            Requested volume was decreased.            Refrigerated was added.</p>			

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**TEST CHANGES**

**Method/CPT Code\*, Units of Measurement, Scope of Analysis and Specimen Requirements**

<b>Test Code</b>	<b>Test Name</b>	<b>Units</b>	<b>Method / CPT Code</b>
<b>9329TI</b>	<b>Benzodiazepines Panel, Tissue</b>		
	Diazepam	ng/g	
	Nordiazepam	ng/g	
	Oxazepam	ng/g	
	Temazepam	ng/g	
	<b>Clobazam</b>	<b>ng/g</b>	
	Chlordiazepoxide	ng/g	
	Lorazepam	ng/g	
	<b>Clonazepam</b>	<b>ng/g</b>	
	<b>7-Amino Clonazepam</b>	<b>ng/g</b>	<b>LC-MS/MS</b>
	Alprazolam	ng/g	<b>(80103,80154)</b>
	Alpha-Hydroxyalprazolam	ng/g	
	Midazolam	ng/g	
	Triazolam	ng/g	
	Hydroxytriazolam	ng/g	
	Hydroxyethylflurazepam	ng/g	
	Desalkylflurazepam	ng/g	
	Flurazepam	ng/g	
	Estazolam	ng/g	
Specimen Requirements:	Specimen Requirements: 10 g Tissue Transport Temperature: Refrigerated Specimen Container: NMS Labs has no experimental or literature-based data regarding the choice of specific specimen collection containers for this test. Light Protection Required: Not Required Special Handling: None Rejection Criteria: None		
Summary of Changes:	For Quality Improvement purposes the following changes were made. Method was changed. 7-Amino Clonazepam, Clobazam and Clonazepam were added. Refrigerated was added.		

Changes effective:  
October 6, 2008

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**TEST CHANGES**

**Method/CPT Code\*, Units of Measurement, Scope of Analysis and Specimen Requirements**

Test Code	Test Name	Units	Method / CPT Code	
9329U	<b>Benzodiazepines Panel, Urine</b>			
	Diazepam	ng/mL		
	Nordiazepam	ng/mL		
	Oxazepam	ng/mL		
	Temazepam	ng/mL		
	<b>Clobazam</b>	<b>ng/mL</b>		
	Chlordiazepoxide	ng/mL		
	Lorazepam	ng/mL		
	<b>7-Amino Clonazepam</b>	<b>ng/mL</b>	<b>LC-MS/MS (80154)</b>	
	Alprazolam	ng/mL		
	Alpha-Hydroxyalprazolam	ng/mL		
	<b>1-Hydroxymidazolam</b>	<b>ng/mL</b>		
	Hydroxytriazolam	ng/mL		
	Hydroxyethylflurazepam	ng/mL		
	Desalkylflurazepam	ng/mL		
	Estazolam	ng/mL		
Specimen Requirements:	Specimen Requirements: 1 mL Urine Transport Temperature: Refrigerated Specimen Container: NMS Labs has no experimental or literature-based data regarding the choice of specific specimen collection containers for this test. Light Protection Required: Not Required Special Handling: None Rejection Criteria: Received Room Temperature.			
Summary of Changes:	For Quality Improvement purposes the following changes were made. Method was changed. 1-Hydroxymidazolam, 7-Amino Clonazepam and Clobazam were added. Flurazepam, Midazolam and Triazolam were removed. Requested volume was decreased.			

Changes effective:  
October 6, 2008

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**TEST CHANGES**

**Method/CPT Code\*, Units of Measurement, Scope of Analysis and Specimen Requirements**

Test Code	Test Name	Units	Method / CPT Code	
9331SP	<b>Benzodiazepines Panel, Serum/Plasma (CSA)</b>			
	Diazepam	ng/mL		
	Nordiazepam	ng/mL		
	Oxazepam	ng/mL		
	Temazepam	ng/mL		
	<b>Clobazam</b>	<b>ng/mL</b>		
	Chlordiazepoxide	ng/mL		
	Lorazepam	ng/mL		
	<b>Clonazepam</b>	<b>ng/mL</b>		
	<b>7-Amino Clonazepam</b>	<b>ng/mL</b>	<b>LC-MS/MS (80154)</b>	
	Alprazolam	ng/mL		
	Alpha-Hydroxyalprazolam	ng/mL		
	Midazolam	ng/mL		
	Triazolam	ng/mL		
	Hydroxytriazolam	ng/mL		
	Hydroxyethylflurazepam	ng/mL		
	Desalkylflurazepam	ng/mL		
	Flurazepam	ng/mL		
	Estazolam	ng/mL		
Specimen Requirements:	<p>Specimen Requirements: 1 mL Serum or Plasma            Transport Temperature: Refrigerated            Specimen Container: NMS Labs has no experimental or literature-based data regarding the choice of specific specimen collection containers for this test.            Light Protection Required: Not Required            Special Handling: Promptly centrifuge and separate Serum or Plasma into a plastic screw capped vial using approved guidelines.            Rejection Criteria: Polymer gel separation tube (SST or PST).</p>			
Summary of Changes:	<p>For Quality Improvement purposes the following changes were made.            Method was changed.            7-Amino Clonazepam, Clobazam and Clonazepam were added.            Requested volume was decreased.            Refrigerated was added.</p>			

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**TEST CHANGES**

**Method/CPT Code\*, Units of Measurement, Scope of Analysis and Specimen Requirements**

Test Code	Test Name	Units	Method / CPT Code
<b>5230B</b>	<b>Benzodiazepines Quantitation/Confirmation, Blood (Forensic)</b>		
	Diazepam	ng/mL	
	Nordiazepam	ng/mL	
	Oxazepam	ng/mL	
	Temazepam	ng/mL	
	<b>Clobazam</b>	<b>ng/mL</b>	
	Chlordiazepoxide	ng/mL	
	Lorazepam	ng/mL	
	<b>Clonazepam</b>	<b>ng/mL</b>	
	<b>7-Amino Clonazepam</b>	<b>ng/mL</b>	<b>LC-MS/MS (80154)</b>
	Alprazolam	ng/mL	
	Alpha-Hydroxyalprazolam	ng/mL	
	Midazolam	ng/mL	
	Triazolam	ng/mL	
	Hydroxytriazolam	ng/mL	
	Hydroxyethylflurazepam	ng/mL	
	Desalkylflurazepam	ng/mL	
	Flurazepam	ng/mL	
	Estazolam	ng/mL	
Specimen Requirements:	Specimen Requirements: 1 mL Blood Transport Temperature: Refrigerated Specimen Container: NMS Labs has no experimental or literature-based data regarding the choice of specific specimen collection containers for this test. Light Protection Required: Not Required Special Handling: None Rejection Criteria: None		
Summary of Changes:	For Quality Improvement purposes the following changes were made. Method was changed. 7-Amino Clonazepam, Clobazam and Clonazepam were added. Requested volume was decreased. Refrigerated was added.		

Changes effective:  
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**TEST CHANGES**

**Method/CPT Code\*, Units of Measurement, Scope of Analysis and Specimen Requirements**

Test Code	Test Name	Units	Method / CPT Code	
5230FL	<b>Benzodiazepines Quantitation/Confirmation, Fluid (Forensic)</b>			
	Diazepam	ng/mL		
	Nordiazepam	ng/mL		
	Oxazepam	ng/mL		
	Temazepam	ng/mL		
	<b>Clobazam</b>	<b>ng/mL</b>		
	Chlordiazepoxide	ng/mL		
	Lorazepam	ng/mL		
	<b>Clonazepam</b>	<b>ng/mL</b>		
	<b>7-Amino Clonazepam</b>	<b>ng/mL</b>	<b>LC-MS/MS (80154)</b>	
	Alprazolam	ng/mL		
	Alpha-Hydroxyalprazolam	ng/mL		
	Midazolam	ng/mL		
	Triazolam	ng/mL		
	Hydroxytriazolam	ng/mL		
	Hydroxyethylflurazepam	ng/mL		
	Desalkylflurazepam	ng/mL		
	Flurazepam	ng/mL		
	Estazolam	ng/mL		
Specimen Requirements:	Specimen Requirements: 1 mL Fluid Transport Temperature: Refrigerated Specimen Container: NMS Labs has no experimental or literature-based data regarding the choice of specific specimen collection containers for this test. Light Protection Required: Not Required Special Handling: None Rejection Criteria: None			
Summary of Changes:	For Quality Improvement purposes the following changes were made. Method was changed. 7-Amino Clonazepam, Clobazam and Clonazepam were added. Requested volume was decreased. Refrigerated was added.			

Changes effective:  
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**TEST CHANGES**

**Method/CPT Code\*, Units of Measurement, Scope of Analysis and Specimen Requirements**

Test Code	Test Name	Units	Method / CPT Code
5230SP	<b>Benzodiazepines Quantitation/Confirmation, Serum/Plasma (Forensic)</b>		
	Diazepam	ng/mL	
	Nordiazepam	ng/mL	
	Oxazepam	ng/mL	
	Temazepam	ng/mL	
	<b>Clobazam</b>	<b>ng/mL</b>	
	Chlordiazepoxide	ng/mL	
	Lorazepam	ng/mL	
	<b>Clonazepam</b>	<b>ng/mL</b>	
	<b>7-Amino Clonazepam</b>	<b>ng/mL</b>	<b>LC-MS/MS (80154)</b>
	Alprazolam	ng/mL	
	Alpha-Hydroxyalprazolam	ng/mL	
	Midazolam	ng/mL	
	Triazolam	ng/mL	
	Hydroxytriazolam	ng/mL	
	Hydroxyethylflurazepam	ng/mL	
	Desalkylflurazepam	ng/mL	
	Flurazepam	ng/mL	
	Estazolam	ng/mL	
Specimen Requirements:	<p>Specimen Requirements: 1 mL Serum or Plasma            Transport Temperature: Refrigerated            Specimen Container: NMS Labs has no experimental or literature-based data regarding the choice of specific specimen collection containers for this test.            Light Protection Required: Not Required            Special Handling: Promptly centrifuge and separate Serum or Plasma into a plastic screw capped vial using approved guidelines.            Rejection Criteria: Polymer gel separation tube (SST or PST).</p>		
Summary of Changes:	<p>For Quality Improvement purposes the following changes were made.            Method was changed.            7-Amino Clonazepam, Clobazam and Clonazepam were added.            Requested volume was decreased.            Refrigerated was added.</p>		

Changes effective:  
October 6, 2008

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**TEST CHANGES**

**Method/CPT Code\*, Units of Measurement, Scope of Analysis and Specimen Requirements**

Test Code	Test Name	Units	Method / CPT Code
5230TI	<b>Benzodiazepines Quantitation/Confirmation, Tissue (Forensic)</b>		
	Diazepam	ng/g	
	Nordiazepam	ng/g	
	Oxazepam	ng/g	
	Temazepam	ng/g	
	<b>Clobazam</b>	<b>ng/g</b>	
	Chlordiazepoxide	ng/g	
	Lorazepam	ng/g	
	<b>Clonazepam</b>	<b>ng/g</b>	
	<b>7-Amino Clonazepam</b>	<b>ng/g</b>	<b>LC-MS/MS</b>
	Alprazolam	ng/g	<b>(80103,80154)</b>
	Alpha-Hydroxyalprazolam	ng/g	
	Midazolam	ng/g	
	Triazolam	ng/g	
	Hydroxytriazolam	ng/g	
	Hydroxyethylflurazepam	ng/g	
	Desalkylflurazepam	ng/g	
	Flurazepam	ng/g	
	Estazolam	ng/g	
Specimen Requirements:	Specimen Requirements: 10 g Tissue Transport Temperature: Refrigerated Specimen Container: NMS Labs has no experimental or literature-based data regarding the choice of specific specimen collection containers for this test. Light Protection Required: Not Required Special Handling: None Rejection Criteria: None		
Summary of Changes:	For Quality Improvement purposes the following changes were made. Method was changed. 7-Amino Clonazepam, Clobazam and Clonazepam were added. Refrigerated was added.		

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**TEST CHANGES**

**Method/CPT Code\*, Units of Measurement, Scope of Analysis and Specimen Requirements**

Test Code	Test Name	Units	Method / CPT Code	
5230U	<b>Benzodiazepines Quantitation/Confirmation, Urine (Forensic)</b>			
	Diazepam	ng/mL		
	Nordiazepam	ng/mL		
	Oxazepam	ng/mL		
	Temazepam	ng/mL		
	<b>Clobazam</b>	<b>ng/mL</b>		
	Chlordiazepoxide	ng/mL		
	Lorazepam	ng/mL		
	<b>7-Amino Clonazepam</b>	<b>ng/mL</b>	LC-MS/MS (80154)	
	Alprazolam	ng/mL		
	Alpha-Hydroxyalprazolam	ng/mL		
	<b>1-Hydroxymidazolam</b>	<b>ng/mL</b>		
	Hydroxytriazolam	ng/mL		
	Hydroxyethylflurazepam	ng/mL		
	Desalkylflurazepam	ng/mL		
Estazolam	ng/mL			
Specimen Requirements:	Specimen Requirements: 1 mL Urine Transport Temperature: Refrigerated Specimen Container: NMS Labs has no experimental or literature-based data regarding the choice of specific specimen collection containers for this test. Light Protection Required: Not Required Special Handling: None Rejection Criteria: Received Room Temperature.			
Summary of Changes:	For Quality Improvement purposes the following changes were made. Method was changed. 1-Hydroxymidazolam, 7-Amino Clonazepam and Clobazam were added. Flurazepam, Midazolam and Triazolam were removed. Requested volume was decreased.			
1080B	<b>Chlordiazepoxide and Metabolite, Blood</b>			
	Nordiazepam	ng/mL		LC-MS/MS (80154)
	Chlordiazepoxide	ng/mL		
Specimen Requirements:	Specimen Requirements: 1 mL Blood Transport Temperature: Refrigerated Specimen Container: NMS Labs has no experimental or literature-based data regarding the choice of specific specimen collection containers for this test. Light Protection Required: Not Special Handling: None Rejection Criteria: None			
Summary of Changes:	For Quality Improvement purposes the following changes were made. Method was changed. Requested volume was decreased. Refrigerated was added. Reporting order was changed.			

Changes effective:  
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**TEST CHANGES**

**Method/CPT Code\*, Units of Measurement, Scope of Analysis and Specimen Requirements**

Test Code	Test Name	Units	Method / CPT Code
1080FL	<b>Chlordiazepoxide and Metabolite, Fluid</b> Nordiazepam Chlordiazepoxide	ng/mL ng/mL	<b>LC-MS/MS (80154)</b>
<p>Specimen Requirements: Specimen Requirements: 1 mL Fluid            Transport Temperature: Refrigerated            Specimen Container: NMS Labs has no experimental or literature-based data regarding the choice of specific specimen collection containers for this test.            Light Protection Required: Not Required            Special Handling: None            Rejection Criteria: None</p> <p>Summary of Changes: For Quality Improvement purposes the following changes were made.            Method was changed.            Requested volume was decreased.            Refrigerated was added.            Reporting order was changed.</p>			
1080SP	<b>Chlordiazepoxide and Metabolite, Serum/Plasma</b> Nordiazepam Chlordiazepoxide	ng/mL ng/mL	<b>LC-MS/MS (80154)</b>
<p>Specimen Requirements: Specimen Requirements: 1 mL Serum/Plasma            Transport Temperature: Refrigerated            Specimen Container: NMS Labs has no experimental or literature-based data regarding the choice of specific specimen collection containers for this test.            Light Protection Required: Not Required            Special Handling: Promptly centrifuge and separate Serum or Plasma into a plastic screw capped vial using approved guidelines.            Rejection Criteria: Polymer gel separation tube (SST or PST).</p> <p>Summary of Changes: For Quality Improvement purposes the following changes were made.            Method was changed.            Requested volume was decreased.            Refrigerated was added.            Light Protection was added.            Reporting order was changed.</p>			

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**TEST CHANGES**

**Method/CPT Code\*, Units of Measurement, Scope of Analysis and Specimen Requirements**

Test Code	Test Name	Units	Method / CPT Code
1080U	<b>Chlordiazepoxide and Metabolite, Urine</b>		
	Nordiazepam	ng/mL	<b>LC-MS/MS (80154)</b>
	Chlordiazepoxide	ng/mL	
<p>Specimen Requirements: Specimen Requirements: 1 mL Urine            Transport Temperature: Refrigerated            Specimen Container: NMS Labs has no experimental or literature-based data regarding the choice of specific specimen collection containers for this test.            Light Protection Required: Not Required            Special Handling: None            Rejection Criteria: None</p> <p>Summary of Changes: For Quality Improvement purposes the following changes were made.            Method was changed.            Requested volume was decreased.            Refrigerated was added.            Reporting order was changed.</p>			
8253B	<b>Chlordiazepoxide and Metabolite, Blood (Forensic)</b>		
	Benzodiazepines	ng/mL	ELISA (80101)
	Nordiazepam	ng/mL	<b>LC-MS/MS (80154)</b>
	Chlordiazepoxide	ng/mL	
<p>Specimen Requirements: Specimen Requirements: 2 mL Blood            Transport Temperature: Refrigerated            Specimen Container: NMS Labs has no experimental or literature-based data regarding the choice of specific specimen collection containers for this test.            Light Protection Required: Not Required            Special Handling: Submit with Chain of Custody.            Rejection Criteria: None</p> <p>Summary of Changes: For Quality Improvement purposes the following changes were made.            Method was changed.            Requested volume was decreased            Refrigerated was added.            Reporting order was changed.</p>			

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**TEST CHANGES**

**Method/CPT Code\*, Units of Measurement, Scope of Analysis and Specimen Requirements**

<b>Test Code</b>	<b>Test Name</b>	<b>Units</b>	<b>Method / CPT Code</b>
<b>8253SP</b>	<b>Chlordiazepoxide and Metabolite, Serum/Plasma (Forensic)</b>		
	Benzodiazepines	ng/mL	ELISA (80101)
	Nordiazepam Chlordiazepoxide	ng/mL ng/mL	<b>LC-MS/MS (80154)</b>
<p>Specimen Requirements: Specimen Requirements: 2 mL Serum or Plasma            Transport Temperature: Refrigerated            Specimen Container: NMS Labs has no experimental or literature-based data regarding the choice of specific specimen collection containers for this test.            Light Protection Required: Not Required            Special Handling: Submit with Chain of Custody. Promptly centrifuge and separate Serum or Plasma into a plastic screw capped vial using approved guidelines.            Rejection Criteria: Polymer gel separation tube (SST or PST).</p> <p>Summary of Changes: For Quality Improvement purposes the following changes were made.            Method was changed.            Requested volume was decreased            Refrigerated was added.            Reporting order was changed.</p>			
<b>8253U</b>	<b>Chlordiazepoxide and Metabolite, Urine (Forensic)</b>		
	Benzodiazepines	ng/mL	EIA (80101)
	Nordiazepam Chlordiazepoxide	ng/mL ng/mL	<b>LC-MS/MS (80154)</b>
<p>Specimen Requirements: Specimen Requirements: 3 mL Urine            Transport Temperature: Refrigerated            Specimen Container: NMS Labs has no experimental or literature-based data regarding the choice of specific specimen collection containers for this test.            Light Protection Required: Not Required            Special Handling: Submit with Chain of Custody.            Rejection Criteria: Received Room Temperature.</p> <p>Summary of Changes: For Quality Improvement purposes the following changes were made.            Method was changed.            Requested volume was decreased            Refrigerated was added            Reporting order was changed.</p>			

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## TEST CHANGES

### Method/CPT Code\*, Units of Measurement, Scope of Analysis and Specimen Requirements

Test Code	Test Name	Units	Method / CPT Code
<b>1267B</b>	<b>Clobazam, Blood</b> Clobazam	ng/mL	<b>LC-MS/MS (80154)</b>
<p>Specimen Requirements: Specimen Requirements: 1 mL Blood Transport Temperature: Refrigerated Specimen Container: NMS Labs has no experimental or literature-based data regarding the choice of specific specimen collection containers for this test. Light Protection Required: Not Required Special Handling: None Rejection Criteria: None</p> <p>Summary of Changes: For Quality Improvement purposes the following changes were made. Method was changed. Requested volume was decreased. Refrigerated was added.</p>			
<b>1267SP</b>	<b>Clobazam, Serum/Plasma</b> Clobazam	ng/mL	<b>LC-MS/MS (80154)</b>
<p>Specimen Requirements: Specimen Requirements: 1 mL Serum or Plasma Transport Temperature: Refrigerated Specimen Container: NMS Labs has no experimental or literature-based data regarding the choice of specific specimen collection containers for this test. Light Protection Required: Not Required Special Handling: Promptly centrifuge and separate Serum or Plasma into a plastic screw capped vial using approved guidelines. Rejection Criteria: Polymer gel separation tube (SST or PST).</p> <p>Summary of Changes: For Quality Improvement purposes the following changes were made. Method was changed. Requested volume was decreased.</p>			
<b>1267U</b>	<b>Clobazam, Urine</b> Clobazam	ng/mL	<b>LC-MS/MS (80154)</b>
<p>Specimen Requirements: Specimen Requirements: 1 mL Urine Transport Temperature: Refrigerated Specimen Container: NMS Labs has no experimental or literature-based data regarding the choice of specific specimen collection containers for this test. Light Protection Required: Not Required Special Handling: None Rejection Criteria: None</p> <p>Summary of Changes: For Quality Improvement purposes the following changes were made. Method was changed. Refrigerated was added.</p>			

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October 6, 2008

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## TEST CHANGES

### Method/CPT Code\*, Units of Measurement, Scope of Analysis and Specimen Requirements

Test Code	Test Name	Units	Method / CPT Code
<b>1269SP</b>	<b>Clobazam, Serum/Plasma (CSA)</b> Clobazam	ng/mL	<b>LC-MS/MS (80154)</b>
<p>Specimen Requirements: Specimen Requirements: 1 mL Serum/Plasma Transport Temperature: Refrigerated Specimen Container: NMS Labs has no experimental or literature-based data regarding the choice of specific specimen collection containers for this test. Light Protection Required: Not Required Special Handling: Promptly centrifuge and separate Serum or Plasma into a plastic screw capped vial using approved guidelines. Rejection Criteria: Polymer gel separation tube (SST or PST).</p> <p>Summary of Changes: For Quality Improvement purposes the following changes were made. Method was changed. Requested volume was decreased.</p>			
<b>1280B</b>	<b>Clorazepate as Metabolite, Blood</b> Nordiazepam	ng/mL	<b>LC-MS/MS (80154)</b>
<p>Specimen Requirements: Specimen Requirements: 1 mL Blood Transport Temperature: Refrigerated Specimen Container: NMS Labs has no experimental or literature-based data regarding the choice of specific specimen collection containers for this test. Light Protection Required: Not Required Special Handling: None Rejection Criteria: None</p> <p>Summary of Changes: For Quality Improvement purposes the following changes were made. Method was changed. Requested volume was decreased. Refrigerated was added.</p>			
<b>1280SP</b>	<b>Clorazepate as Metabolite, Serum/Plasma</b> Nordiazepam	ng/mL	<b>LC-MS/MS (80154)</b>
<p>Specimen Requirements: Specimen Requirements: 1 mL Serum/Plasma Transport Temperature: Refrigerated Specimen Container: NMS Labs has no experimental or literature-based data regarding the choice of specific specimen collection containers for this test. Light Protection Required: Not Required Special Handling: Promptly centrifuge and separate Serum or Plasma into a plastic screw capped vial using approved guidelines. Rejection Criteria: Polymer gel separation tube (SST or PST).</p> <p>Summary of Changes: For Quality Improvement purposes the following changes were made. Method was changed. Requested volume was decreased.</p>			

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## TEST CHANGES

### Method/CPT Code\*, Units of Measurement, Scope of Analysis and Specimen Requirements

Test Code	Test Name	Units	Method / CPT Code
<b>1280U</b>	<b>Clorazepate as Metabolite, Urine</b> Nordiazepam	ng/mL	<b>LC-MS/MS (80154)</b>
<p>Specimen Requirements: Specimen Requirements: 1 mL Urine            Transport Temperature: Refrigerated            Specimen Container: NMS Labs has no experimental or literature-based data regarding the choice of specific specimen collection containers for this test.            Light Protection Required: Not Required            Special Handling: None            Rejection Criteria: None</p> <p>Summary of Changes: For Quality Improvement purposes the following changes were made.            Method was changed.            Refrigerated was added.            Requested volume was decreased</p>			
<b>8263B</b>	<b>Clorazepate as Metabolite, Blood (Forensic)</b> Benzodiazepines	ng/mL	ELISA (80101)
	Nordiazepam	ng/mL	<b>LC-MS/MS (80154)</b>
<p>Specimen Requirements: Specimen Requirements: 2 mL Blood            Transport Temperature: Refrigerated            Specimen Container: NMS Labs has no experimental or literature-based data regarding the choice of specific specimen collection containers for this test.            Light Protection Required: Not Required            Special Handling: Submit with Chain of Custody.            Rejection Criteria: None</p> <p>Summary of Changes: For Quality Improvement purposes the following changes were made.            Method was changed.            Requested volume was decreased.            Refrigerated was added.</p>			

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October 6, 2008

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**TEST CHANGES**

**Method/CPT Code\*, Units of Measurement, Scope of Analysis and Specimen Requirements**

Test Code	Test Name	Units	Method / CPT Code
8145B	<b>DFSA Profile, Blood (Forensic)</b>		
	Clonazepam	ng/mL	LC-MS/MS (80100)
	7-Amino Clonazepam	ng/mL	
	Flunitrazepam	ng/mL	
	Norflunitrazepam	ng/mL	
	7-Amino Flunitrazepam	ng/mL	
	Nitrazepam	ng/mL	
	7-Amino Nitrazepam	ng/mL	
	Ethanol	mg/dL	Headspace GC (82055)
	Methanol	mg/dL	
	Isopropanol	mg/dL	
	Acetone	mg/dL	
	Diazepam	ng/mL	LC-MS/MS (80154)
	Nordiazepam	ng/mL	
	Oxazepam	ng/mL	
	Temazepam	ng/mL	
	<b>Clobazam</b>	<b>ng/mL</b>	
	Chlordiazepoxide	ng/mL	
	Lorazepam	ng/mL	
	Alprazolam	ng/mL	
	Alpha-Hydroxyalprazolam	ng/mL	
	Midazolam	ng/mL	
	Triazolam	ng/mL	
	Hydroxytriazolam	ng/mL	
	Hydroxyethylflurazepam	ng/mL	
	Desalkylflurazepam	ng/mL	
	Flurazepam	ng/mL	
	Estazolam	ng/mL	
Gamma-Hydroxybutyric Acid	ng/mL	GC/MS (80100)	
Specimen Requirements:	Specimen Requirements: 7 mL Blood Transport Temperature: Refrigerated Specimen Container: Gray top tube (Sodium Fluoride / Potassium Oxalate) Light Protection Required: Not Required Special Handling: Submit with Chain of Custody. Collect sample using alcohol free skin preparation. Rejection Criteria: None		
Summary of Changes:	For Quality Improvement purposes the following changes were made. Method was changed. Clobazam was added. Requested volume was decreased. Refrigerated was added.		

Changes effective:  
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**TEST CHANGES**

**Method/CPT Code\*, Units of Measurement, Scope of Analysis and Specimen Requirements**

Test Code	Test Name	Units	Method / CPT Code
8145U	<b>DFSA Profile, Urine (Forensic)</b>		
	Clonazepam	ng/mL	LC-MS/MS (80100)
	7-Amino Clonazepam	ng/mL	
	Flunitrazepam	ng/mL	
	Norflunitrazepam	ng/mL	
	7-Amino Flunitrazepam	ng/mL	
	Nitrazepam	ng/mL	
	7-Amino Nitrazepam	ng/mL	
	Ethanol	mg/dL	Headspace GC (82055)
	Methanol	mg/dL	
	Isopropanol	mg/dL	
	Acetone	mg/dL	
	Diazepam	ng/mL	LC-MS/MS (80154)
	Nordiazepam	ng/mL	
	Oxazepam	ng/mL	
	Temazepam	ng/mL	
	<b>Clobazam</b>	<b>ng/mL</b>	
	Chlordiazepoxide	ng/mL	
	Lorazepam	ng/mL	
	Alprazolam	ng/mL	
	Alpha-Hydroxyalprazolam	ng/mL	
<b>1-Hydroxymidazolam</b>	<b>ng/mL</b>		
Hydroxytriazolam	ng/mL		
Hydroxyethylflurazepam	ng/mL		
Desalkylflurazepam	ng/mL		
Estazolam	ng/mL		
Gamma-Hydroxybutyric Acid	ng/mL	GC/MS (80100)	
Specimen Requirements:	Specimen Requirements: 10 mL Urine Transport Temperature: Refrigerated Specimen Container: NMS Labs has no experimental or literature-based data regarding the choice of specific specimen collection containers for this test. Light Protection Required: Not Required Special Handling: Submit with Chain of Custody. Rejection Criteria: None		
Summary of Changes:	For Quality Improvement purposes the following changes were made. Method was changed. 1-Hydroxymidazolam and Clobazam were added. Flurazepam, Midazolam and Triazolam were removed. Refrigerated was added		

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**TEST CHANGES**

**Method/CPT Code\*, Units of Measurement, Scope of Analysis and Specimen Requirements**

<b>Test Code</b>	<b>Test Name</b>	<b>Units</b>	<b>Method / CPT Code</b>
<b>1501B</b>	<b>Diazepam and Metabolites, Blood</b>		
	Diazepam	ng/mL	<b>LC-MS/MS (80154)</b>
	Nordiazepam	ng/mL	
	Oxazepam	ng/mL	
	Temazepam	ng/mL	
Specimen Requirements:	Specimen Requirements: 1 mL Blood Transport Temperature: Refrigerated Specimen Container: NMS Labs has no experimental or literature-based data regarding the choice of specific specimen collection containers for this test. Light Protection Required: Not Required Special Handling: None Rejection Criteria: None		
Summary of Changes:	For Quality Improvement purposes the following changes were made. Method was changed. Requested volume was decreased. Refrigerated was added.		
<b>1501SP</b>	<b>Diazepam and Metabolites, Serum/Plasma</b>		
	Diazepam	ng/mL	<b>LC-MS/MS (80154)</b>
	Nordiazepam	ng/mL	
	Oxazepam	ng/mL	
	Temazepam	ng/mL	
Specimen Requirements:	Specimen Requirements: 1 mL Serum/Plasma Transport Temperature: Refrigerated Specimen Container: NMS Labs has no experimental or literature-based data regarding the choice of specific specimen collection containers for this test. Light Protection Required: Not Required Special Handling: Promptly centrifuge and separate Serum or Plasma into a plastic screw capped vial using approved guidelines. Rejection Criteria: Polymer gel separation tube (SST or PST).		
Summary of Changes:	For Quality Improvement purposes the following changes were made. Method was changed. Requested volume was decreased. Refrigerated was added.		

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**TEST CHANGES**

**Method/CPT Code\*, Units of Measurement, Scope of Analysis and Specimen Requirements**

<b>Test Code</b>	<b>Test Name</b>	<b>Units</b>	<b>Method / CPT Code</b>
<b>1501TI</b>	<b>Diazepam and Metabolites, Tissue</b>		
	Diazepam	ng/g	<b>LC-MS/MS (80103,80154)</b>
	Nordiazepam	ng/g	
	Oxazepam	ng/g	
	Temazepam	ng/g	
Specimen Requirements:	Specimen Requirements: 10 g Tissue Transport Temperature: Refrigerated Specimen Container: NMS Labs has no experimental or literature-based data regarding the choice of specific specimen collection containers for this test. Light Protection Required: Not Required Special Handling: None Rejection Criteria: None		
Summary of Changes:	For Quality Improvement purposes the following changes were made. Method was changed. Refrigerated was added.		
<b>1503SP</b>	<b>Diazepam and Metabolites, Serum/Plasma (CSA)</b>		
	Diazepam	ng/mL	<b>LC-MS/MS (80154)</b>
	Nordiazepam	ng/mL	
	Oxazepam	ng/mL	
	Temazepam	ng/mL	
Specimen Requirements:	Specimen Requirements: 1 mL Serum/Plasma Transport Temperature: Refrigerated Specimen Container: NMS Labs has no experimental or literature-based data regarding the choice of specific specimen collection containers for this test. Light Protection Required: Not Required Special Handling: Promptly centrifuge and separate Serum or Plasma into a plastic screw capped vial using approved guidelines. Rejection Criteria: Polymer gel separation tube (SST or PST).		
Summary of Changes:	For Quality Improvement purposes the following changes were made. Method was changed. Requested volume was decreased.		

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**TEST CHANGES**

**Method/CPT Code\*, Units of Measurement, Scope of Analysis and Specimen Requirements**

<b>Test Code</b>	<b>Test Name</b>	<b>Units</b>	<b>Method / CPT Code</b>
<b>5411B</b>	<b>Diazepam and Metabolites Confirmation, Blood</b>		
	Diazepam	ng/mL	<b>LC-MS/MS (80154)</b>
	Nordiazepam	ng/mL	
	Oxazepam	ng/mL	
	Temazepam	ng/mL	
Specimen Requirements:	Specimen Requirements: 1 mL Blood Transport Temperature: Refrigerated Specimen Container: NMS Labs has no experimental or literature-based data regarding the choice of specific specimen collection containers for this test. Light Protection Required: Not Required Special Handling: None Rejection Criteria: None		
Summary of Changes:	For Quality Improvement purposes the following changes were made. Method was changed. Requested volume was decreased. Refrigerated was added.		
<b>5411SP</b>	<b>Diazepam and Metabolites Confirmation, Serum/Plasma</b>		
	Diazepam	ng/mL	<b>LC-MS/MS (80154)</b>
	Nordiazepam	ng/mL	
	Oxazepam	ng/mL	
	Temazepam	ng/mL	
Specimen Requirements:	Specimen Requirements: 1 mL Serum/Plasma Transport Temperature: Refrigerated Specimen Container: NMS Labs has no experimental or literature-based data regarding the choice of specific specimen collection containers for this test. Light Protection Required: Not Required Special Handling: Promptly centrifuge and separate Serum or Plasma into a plastic screw capped vial using approved guidelines. Rejection Criteria: Polymer gel separation tube (SST or PST).		
Summary of Changes:	For Quality Improvement purposes the following changes were made. Method was changed. Requested volume was decreased. Refrigerated was added.		

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**TEST CHANGES**

**Method/CPT Code\*, Units of Measurement, Scope of Analysis and Specimen Requirements**

<b>Test Code</b>	<b>Test Name</b>	<b>Units</b>	<b>Method / CPT Code</b>
<b>5411TI</b>	<b>Diazepam and Metabolites Confirmation, Tissue</b>		
	Diazepam	ng/g	<b>LC-MS/MS (80103,80154)</b>
	Nordiazepam	ng/g	
	Oxazepam	ng/g	
	Temazepam	ng/g	
Specimen Requirements:	Specimen Requirements: 10 g Tissue Transport Temperature: Refrigerated Specimen Container: NMS Labs has no experimental or literature-based data regarding the choice of specific specimen collection containers for this test. Light Protection Required: Not Required Special Handling: None Rejection Criteria: None		
Summary of Changes:	For Quality Improvement purposes the following changes were made. Method was changed. Refrigerated was added.		
<b>5411U</b>	<b>Diazepam and Metabolites Confirmation, Urine</b>		
	Diazepam	ng/mL	<b>LC-MS/MS (80154)</b>
	Nordiazepam	ng/mL	
	Oxazepam	ng/mL	
	Temazepam	ng/mL	
Specimen Requirements:	Specimen Requirements: 1 mL Urine Transport Temperature: Refrigerated Specimen Container: NMS Labs has no experimental or literature-based data regarding the choice of specific specimen collection containers for this test. Light Protection Required: Not Required Special Handling: None Rejection Criteria: None		
Summary of Changes:	For Quality Improvement purposes the following changes were made. Method was changed. Requested volume was decreased. Refrigerated was added.		

Changes effective:  
October 6, 2008

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**TEST CHANGES**

**Method/CPT Code\*, Units of Measurement, Scope of Analysis and Specimen Requirements**

Test Code	Test Name	Units	Method / CPT Code
1450SP	<b>Drug-Facilitated Sexual Assault Panel, Serum/Plasma (Forensic)</b>		
	Opiates	ng/mL	ELISA (80101x7)
	Cocaine/Metabolites	ng/mL	
	Benzodiazepines	ng/mL	
	Cannabinoids	ng/mL	
	Amphetamines	ng/mL	
	Barbiturates	mcg/mL	
	Phencyclidine	ng/mL	
	Clonazepam	ng/mL	LC-MS/MS (80100)
	7-Amino Clonazepam	ng/mL	
	Flunitrazepam	ng/mL	
	7-Amino Flunitrazepam	ng/mL	
	Norflunitrazepam	ng/mL	
	Nitrazepam	ng/mL	
	7-Amino Nitrazepam	ng/mL	
	Ethanol	mg/dL	Headspace GC (82055)
	Methanol	mg/dL	
	Isopropanol	mg/dL	
	Acetone	mg/dL	
	Diazepam	ng/mL	LC-MS/MS (80154)
	Nordiazepam	ng/mL	
	Oxazepam	ng/mL	
	Temazepam	ng/mL	
	<b>Clobazam</b>	<b>ng/mL</b>	
	Chlordiazepoxide	ng/mL	
	Lorazepam	ng/mL	
	Alprazolam	ng/mL	
	Alpha-Hydroxyalprazolam	ng/mL	
Midazolam	ng/mL		
Triazolam	ng/mL		
Hydroxytriazolam	ng/mL		
Hydroxyethylflurazepam	ng/mL		
Desalkylflurazepam	ng/mL		
Flurazepam	ng/mL		
Estazolam	ng/mL		
Gamma-Hydroxybutyric Acid	ng/mL	GC/MS (80100)	
GC Screen Findings	ng/mL	GC (80100)	
GC Screen Incidental Findings	ng/mL		

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**TEST CHANGES**

**Method/CPT Code\*, Units of Measurement, Scope of Analysis and Specimen Requirements**

Test Code	Test Name	Units	Method / CPT Code
	<p>Specimen Requirements: Specimen Requirements: 10 mL Serum or Plasma Transport Temperature: Refrigerated Specimen Container: NMS Labs has no experimental or literature-based data regarding the choice of specific specimen collection containers for this test. Light Protection Required: Not Required Special Handling: Submit with Chain of Custody. Collect as soon as possible after incident. Furnish history, including time-line of events or circumstances surrounding incident and known medications. Collect sample using alcohol free skin preparation. Collect sample in Gray top tube (Sodium Fluoride / Potassium Oxalate). Promptly centrifuge and separate Serum or Plasma into a plastic screw capped vial using approved guidelines. Rejection Criteria: Polymer gel separation tube (SST or PST).</p> <p>Summary of Changes: For Quality Improvement purposes the following changes were made. Method was changed. Clobazam was added. Refrigerated was added.</p>		
<b>1452B</b>	<b>Drug-Facilitated Sexual Assault Survey 2, Blood (Forensic)</b>		
	Opiates	ng/mL	
	Cocaine/Metabolites	ng/mL	
	Benzodiazepines	ng/mL	ELISA (80101x7)
	Cannabinoids	ng/mL	
	Amphetamines	ng/mL	
	Barbiturates	mcg/mL	
	Phencyclidine	ng/mL	
	Clonazepam	ng/mL	
	7-Amino Clonazepam	ng/mL	
	Flunitrazepam	ng/mL	LC-MS/MS (80100)
	7-Amino Flunitrazepam	ng/mL	
	Norflunitrazepam	ng/mL	
	Nitrazepam	ng/mL	
	7-Amino Nitrazepam	ng/mL	
	Ethanol	mg/dL	
	Methanol	mg/dL	Headspace GC (82055)
	Isopropanol	mg/dL	
	Acetone	mg/dL	
	Diazepam	ng/mL	<b>LC-MS/MS (80154)</b>
	Nordiazepam	ng/mL	
	Oxazepam	ng/mL	
	Temazepam	ng/mL	
	<b>Clobazam</b>	<b>ng/mL</b>	
	Chlordiazepoxide	ng/mL	
	Lorazepam	ng/mL	
	Alprazolam	ng/mL	
	Alpha-Hydroxyalprazolam	ng/mL	

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**TEST CHANGES**

**Method/CPT Code\*, Units of Measurement, Scope of Analysis and Specimen Requirements**

Test Code	Test Name	Units	Method / CPT Code
	Midazolam	ng/mL	
	Triazolam	ng/mL	
	Hydroxytriazolam	ng/mL	
	Hydroxyethylflurazepam	ng/mL	
	Desalkylflurazepam	ng/mL	
	Flurazepam	ng/mL	
	Estazolam	ng/mL	
	Gamma-Hydroxybutyric Acid	ng/mL	GC/MS (80100)
	GC Screen Findings	ng/mL	GC (80100)
	GC Screen Incidental Findings	ng/mL	
Specimen Requirements:	Specimen Requirements: 10 mL Blood Transport Temperature: Refrigerated Specimen Container: Gray top tube (Sodium Fluoride / Potassium Oxalate) Light Protection Required: Not Required Special Handling: Submit with Chain of Custody. Collect as soon as possible after incident. Furnish history, including time-line of events or circumstances surrounding incident and known medications. Collect sample using alcohol free skin preparation. Rejection Criteria: None.		
Summary of Changes:	For Quality Improvement purposes the following changes were made. Method was changed. Clobazam was added. Refrigerated was added.		
<b>1452U</b>	<b>Drug-Facilitated Sexual Assault Survey 2, Urine (Forensic)</b>		
	Opiates	ng/mL	
	Cocaine/Metabolites	ng/mL	
	Benzodiazepines	ng/mL	
	Cannabinoids	ng/mL	
	Amphetamines	ng/mL	EIA (80101x9)
	Barbiturates	mcg/mL	
	Methadone	ng/mL	
	Phencyclidine	ng/mL	
	Propoxyphene	ng/mL	
	Clonazepam	ng/mL	
	7-Amino Clonazepam	ng/mL	
	Flunitrazepam	ng/mL	LC-MS/MS (80100)
	Norflunitrazepam	ng/mL	
	7-Amino Flunitrazepam	ng/mL	
	Nitrazepam	ng/mL	
	7-Amino Nitrazepam	ng/mL	
	Ethanol	mg/dL	Headspace GC (82055)
	Methanol	mg/dL	
	Isopropanol	mg/dL	

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**TEST CHANGES**

**Method/CPT Code\*, Units of Measurement, Scope of Analysis and Specimen Requirements**

Test Code	Test Name	Units	Method / CPT Code
	Acetone	mg/dL	
	Diazepam	ng/mL	<b>LC-MS/MS (80154)</b>
	Nordiazepam	ng/mL	
	Oxazepam	ng/mL	
	Temazepam	ng/mL	
	<b>Clobazam</b>	<b>ng/mL</b>	
	Chlordiazepoxide	ng/mL	
	Lorazepam	ng/mL	
	Alprazolam	ng/mL	
	Alpha-Hydroxyalprazolam	ng/mL	
	<b>1-Hydroxymidazolam</b>	<b>ng/mL</b>	
	Hydroxytriazolam	ng/mL	
	Hydroxyethylflurazepam	ng/mL	
	Desalkylflurazepam	ng/mL	
	Estazolam	ng/mL	
	Gamma-Hydroxybutyric Acid	ng/mL	GC/MS (80100)
	GC Drug Screen	ng/mL	GC (80100)
	GC Drug Findings	ng/mL	GC (80100)
	GC Screen Incidental Findings	ng/mL	
<p>Specimen Requirements: Specimen Requirements: 10 mL Urine            Transport Temperature: Refrigerated            Specimen Container: NMS Labs has no experimental or literature-based data regarding the choice of specific specimen collection containers for this test.            Light Protection Required: Not Required            Special Handling: Submit with Chain of Custody.            Rejection Criteria: None.</p> <p>Summary of Changes: For Quality Improvement purposes the following changes were made.            Method was changed.            1-Hydroxymidazolam and Clobazam were added.            Flurazepam, Midazolam and Triazolam were removed.            Refrigerated was added.</p>			
<b>9400B</b>	<b>Drugs of Abuse - Medical Professionals, Blood (Forensic)</b>		
	Opiates	ng/mL	EIA (80101x3)
	Benzodiazepines	ng/mL	
	Cocaine/Metabolites	ng/mL	
	Fentanyl	ng/mL	LC-MS/MS (83925)
	Sufentanil	ng/mL	
	Alfentanil	ng/mL	
	Norfentanyl	ng/mL	
	Diazepam	ng/mL	<b>LC-MS/MS (80154)</b>
	Nordiazepam	ng/mL	
	Oxazepam	ng/mL	
	Temazepam	ng/mL	

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**TEST CHANGES**

**Method/CPT Code\*, Units of Measurement, Scope of Analysis and Specimen Requirements**

Test Code	Test Name	Units	Method / CPT Code
	<b>Clobazam</b>	ng/mL	
	Chlordiazepoxide	ng/mL	
	Lorazepam	ng/mL	
	<b>Clonazepam</b>	ng/mL	
	<b>7-Amino Clonazepam</b>	ng/mL	
	Alprazolam	ng/mL	
	Alpha-Hydroxyalprazolam	ng/mL	
	Midazolam	ng/mL	
	Triazolam	ng/mL	
	Hydroxytriazolam	ng/mL	
	Hydroxyethylflurazepam	ng/mL	
	Desalkylflurazepam	ng/mL	
	Flurazepam	ng/mL	
	Estazolam	ng/mL	
	Ketamine	ng/mL	GC & GC/MS (82492)
	Meperidine	ng/mL	
	Pentazocine	ng/mL	
	Morphine - Free	ng/mL	LC-MS/MS (83925)
	Hydromorphone - Free	ng/mL	
	Naltrexone - Free	ng/mL	
	Buprenorphine - Free	ng/mL	
	Norbuprenorphine - Free	ng/mL	
	Butorphanol - Free	ng/mL	
	Nalbuphine - Free	ng/mL	
	Naloxone - Free	ng/mL	
Specimen Requirements:	Specimen Requirements: 10 mL Blood Transport Temperature: Refrigerated Specimen Container: Gray top tube (Sodium Fluoride / Potassium Oxalate) Light Protection Required: Not Required Special Handling: Submit with Chain of Custody. Rejection Criteria: None		
Summary of Changes:	For Quality Improvement purposes the following changes were made. Method was changed. 7-Amino Clonazepam, Clobazam and Clonazepam were added. Refrigerated was added.		
<b>9400SP</b>	<b>Drugs of Abuse - Medical Professionals, Serum/Plasma (Forensic)</b>		
	Opiates	ng/mL	EIA (80101x3)
	Benzodiazepines	ng/mL	
	Cocaine/Metabolites	ng/mL	
	Fentanyl	ng/mL	LC-MS/MS (83925)
	Sufentanil	ng/mL	
	Alfentanil	ng/mL	
	Norfentanyl	ng/mL	

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**TEST CHANGES**

**Method/CPT Code\*, Units of Measurement, Scope of Analysis and Specimen Requirements**

Test Code	Test Name	Units	Method / CPT Code
	Diazepam	ng/mL	<b>LC-MS/MS (80154)</b>
	Nordiazepam	ng/mL	
	Oxazepam	ng/mL	
	Temazepam	ng/mL	
	<b>Clobazam</b>	<b>ng/mL</b>	
	Chlordiazepoxide	ng/mL	
	Lorazepam	ng/mL	
	<b>Clonazepam</b>	<b>ng/mL</b>	
	<b>7-Amino Clonazepam</b>	<b>ng/mL</b>	
	Alprazolam	ng/mL	
	Alpha-Hydroxyalprazolam	ng/mL	
	Midazolam	ng/mL	
	Triazolam	ng/mL	
	Hydroxytriazolam	ng/mL	
	Hydroxyethylflurazepam	ng/mL	
	Desalkylflurazepam	ng/mL	
	Flurazepam	ng/mL	
	Estazolam	ng/mL	
	Ketamine	ng/mL	<b>GC &amp; GC/MS (82492)</b>
	Meperidine	ng/mL	
	Pentazocine	ng/mL	
	Morphine - Free	ng/mL	<b>LC-MS/MS (83925)</b>
	Hydromorphone - Free	ng/mL	
	Naltrexone - Free	ng/mL	
	Buprenorphine - Free	ng/mL	
	Norbuprenorphine - Free	ng/mL	
	Butorphanol - Free	ng/mL	
	Nalbuphine - Free	ng/mL	
	Naloxone - Free	ng/mL	
Specimen Requirements:	Specimen Requirements: 10 mL Serum or Plasma Transport Temperature: Refrigerated Specimen Container: NMS Labs has no experimental or literature-based data regarding the choice of specific specimen collection containers for this test. Light Protection Required: Not Required Special Handling: Submit with Chain of Custody. Collect sample in Gray top tube (Sodium Fluoride / Potassium Oxalate). Promptly centrifuge and separate Serum or Plasma into a plastic screw capped vial using approved guidelines. Rejection Criteria: Polymer gel separation tube (SST or PST).		
Summary of Changes:	For Quality Improvement purposes the following changes were made. Method was changed. 7-Amino Clonazepam, Clobazam and Clonazepam were added. Refrigerated was added.		

Changes effective:  
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**TEST CHANGES**

**Method/CPT Code\*, Units of Measurement, Scope of Analysis and Specimen Requirements**

Test Code	Test Name	Units	Method / CPT Code
9400U	<b>Drugs of Abuse - Medical Professionals, Urine (Forensic)</b>		
	Opiates	ng/mL	EIA (80101x3)
	Cocaine/Metabolites	ng/mL	
	Cannabinoids	ng/mL	
	Diazepam	ng/mL	LC-MS/MS (80154)
	Nordiazepam	ng/mL	
	Oxazepam	ng/mL	
	Temazepam	ng/mL	
	<b>Clobazam</b>	<b>ng/mL</b>	
	Chlordiazepoxide	ng/mL	
	Lorazepam	ng/mL	
	<b>7-Amino Clonazepam</b>	<b>ng/mL</b>	
	Alprazolam	ng/mL	
	Alpha-Hydroxyalprazolam	ng/mL	
	<b>1-Hydroxymidazolam</b>	<b>ng/mL</b>	
	Hydroxytriazolam	ng/mL	
	Hydroxyethylflurazepam	ng/mL	
	Desalkylflurazepam	ng/mL	
	Estazolam	ng/mL	
	Ketamine	mcg/mL	GCS (82492)
	Meperidine	mcg/mL	
	Pentazocine	mcg/mL	
	Morphine - Total	ng/mL	LC-MS/MS (83925)
	Hydromorphone - Total	ng/mL	
	Naltrexone - Total	ng/mL	
	Buprenorphine - Total	ng/mL	
	Norbuprenorphine - Total	ng/mL	
	Butorphanol - Total	ng/mL	
Nalbuphine - Total	ng/mL		
Naloxone - Total	ng/mL		
Fentanyl	ng/mL	LC-MS/MS (83925)	
Sufentanil	ng/mL		
N-Desalkylsufentanil	ng/mL		
Alfentanil	ng/mL		
N-Desalkylalfentanil	ng/mL		
Norfentanyl	ng/mL		
Specimen Requirements:	Specimen Requirements: 10 mL Urine Transport Temperature: Refrigerated Specimen Container: NMS Labs has no experimental or literature-based data regarding the choice of specific specimen collection containers for this test. Light Protection Required: Not Required Special Handling: Submit with Chain of Custody. Rejection Criteria: Received Room Temperature.		

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## TEST CHANGES

### Method/CPT Code\*, Units of Measurement, Scope of Analysis and Specimen Requirements

Test Code	Test Name	Units	Method / CPT Code
<p>Summary of Changes: For Quality Improvement purposes the following changes were made. Method was changed. 1-Hydroxymidazolam, 7-Amino Clonazepam and Clobazam were added. Flurazepam, Midazolam and Triazolam were removed. Refrigerated was added.</p>			
<b>1958B</b>	<b>Estazolam, Blood</b> Estazolam	ng/mL	<b>LC-MS/MS (80154)</b>
<p>Specimen Requirements: Specimen Requirements: 1 mL Blood Transport Temperature: Refrigerated Specimen Container: NMS Labs has no experimental or literature-based data regarding the choice of specific specimen collection containers for this test. Light Protection Required: Not Required Special Handling: None Rejection Criteria: None</p> <p>Summary of Changes: For Quality Improvement purposes the following changes were made. Method was changed. Requested volume was decreased. Refrigerated was added.</p>			
<b>1958SP</b>	<b>Estazolam, Serum/Plasma</b> Estazolam	ng/mL	<b>LC-MS/MS (80154)</b>
<p>Specimen Requirements: Specimen Requirements: 1 mL Serum or Plasma Transport Temperature: Refrigerated Specimen Container: NMS Labs has no experimental or literature-based data regarding the choice of specific specimen collection containers for this test. Light Protection Required: Not Required Special Handling: Promptly centrifuge and separate Serum or Plasma into a plastic screw capped vial using approved guidelines. Rejection Criteria: Polymer gel separation tube (SST or PST).</p> <p>Summary of Changes: For Quality Improvement purposes the following changes were made. Method was changed. Requested volume was decreased. Refrigerated was added.</p>			

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**TEST CHANGES**

**Method/CPT Code\*, Units of Measurement, Scope of Analysis and Specimen Requirements**

Test Code	Test Name	Units	Method / CPT Code
1958U	<b>Estazolam, Urine</b> Estazolam	ng/mL	<b>LC-MS/MS (80154)</b>
<p>Specimen Requirements: Specimen Requirements: 1 mL Urine            Transport Temperature: Refrigerated            Specimen Container: NMS Labs has no experimental or literature-based data regarding the choice of specific specimen collection containers for this test.            Light Protection Required: Not Required            Special Handling: None            Rejection Criteria: None</p> <p>Summary of Changes: For Quality Improvement purposes the following changes were made.            Method was changed.            Requested volume was decreased.            Refrigerated was added.</p>			
2120B	<b>Flurazepam and Metabolites, Blood</b> Hydroxyethylflurazepam Desalkylflurazepam Flurazepam	ng/mL ng/mL ng/mL	<b>LC-MS/MS (82742)</b>
<p>Specimen Requirements: Specimen Requirements: 1 mL Blood            Transport Temperature: Refrigerated            Specimen Container: NMS Labs has no experimental or literature-based data regarding the choice of specific specimen collection containers for this test.            Light Protection Required: Not Required            Special Handling: None            Rejection Criteria: None</p> <p>Summary of Changes: For Quality Improvement purposes the following changes were made.            Method was changed.            Requested volume was decreased.            Refrigerated was added.            Reporting order was changed.</p>			

Changes effective:  
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**TEST CHANGES**

**Method/CPT Code\*, Units of Measurement, Scope of Analysis and Specimen Requirements**

Test Code	Test Name	Units	Method / CPT Code
2120SP	<b>Flurazepam and Metabolites, Serum/Plasma</b>		
	Hydroxyethylflurazepam	ng/mL	<b>LC-MS/MS (82742)</b>
	Desalkylflurazepam	ng/mL	
Flurazepam	ng/mL		
<p>Specimen Requirements: Specimen Requirements: 1 mL Serum/Plasma            Transport Temperature: Refrigerated            Specimen Container: NMS Labs has no experimental or literature-based data regarding the choice of specific specimen collection containers for this test.            Light Protection Required: Not Required            Special Handling: Promptly centrifuge and separate Serum or Plasma into a plastic screw capped vial using approved guidelines.            Rejection Criteria: Polymer gel separation tube (SST or PST).</p> <p>Summary of Changes: For Quality Improvement purposes the following changes were made.            Method was changed.            Requested volume was decreased.            Refrigerated was added.            Reporting order was changed.</p>			
2120U	<b>Flurazepam as Metabolites, Urine</b>		
	Hydroxyethylflurazepam	ng/mL	<b>LC-MS/MS (82742)</b>
Desalkylflurazepam	ng/mL		
<p>Specimen Requirements: Specimen Requirements: 1 mL Urine            Transport Temperature: Refrigerated            Specimen Container: NMS Labs has no experimental or literature-based data regarding the choice of specific specimen collection containers for this test.            Light Protection Required: Not Required            Special Handling: None            Rejection Criteria: None</p> <p>Summary of Changes: For Quality Improvement purposes the following changes were made.            Acode Description was changed.            Method was changed.            Flurazepam was removed.            Requested volume was decreased.            Refrigerated was added.</p>			

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**TEST CHANGES**

**Method/CPT Code\*, Units of Measurement, Scope of Analysis and Specimen Requirements**

<b>Test Code</b>	<b>Test Name</b>	<b>Units</b>	<b>Method / CPT Code</b>
<b>5413B</b>	<b>Flurazepam and Metabolites Confirmation, Blood</b>		
	Hydroxyethylflurazepam	ng/mL	<b>LC-MS/MS (82742)</b>
	Desalkylflurazepam	ng/mL	
	Flurazepam	ng/mL	
Specimen Requirements:	Specimen Requirements: 1 mL Blood Transport Temperature: Refrigerated Specimen Container: NMS Labs has no experimental or literature-based data regarding the choice of specific specimen collection containers for this test. Light Protection Required: Not Required Special Handling: None Rejection Criteria: None		
Summary of Changes:	For Quality Improvement purposes the following changes were made. Method was changed. Requested volume was decreased. Refrigerated was added. Reporting order was changed.		
<b>5413SP</b>	<b>Flurazepam and Metabolites Confirmation, Serum/Plasma</b>		
	Hydroxyethylflurazepam	ng/mL	<b>LC-MS/MS (82742)</b>
	Desalkylflurazepam	ng/mL	
	Flurazepam	ng/mL	
Specimen Requirements:	Specimen Requirements: 1 mL Serum/Plasma Transport Temperature: Refrigerated Specimen Container: NMS Labs has no experimental or literature-based data regarding the choice of specific specimen collection containers for this test. Light Protection Required: Not Required Special Handling: Promptly centrifuge and separate Serum or Plasma into a plastic screw capped vial using approved guidelines. Rejection Criteria: Polymer gel separation tube (SST or PST).		
Summary of Changes:	For Quality Improvement purposes the following changes were made. Method was changed. Requested volume was decreased. Refrigerated was added. Reporting order was changed.		

Changes effective:  
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**TEST CHANGES**

**Method/CPT Code\*, Units of Measurement, Scope of Analysis and Specimen Requirements**

<b>Test Code</b>	<b>Test Name</b>	<b>Units</b>	<b>Method / CPT Code</b>
<b>5413U</b>	<b>Flurazepam as Metabolites Confirmation, Urine</b> Hydroxyethylflurazepam Desalkylflurazepam	ng/mL ng/mL	<b>LC-MS/MS (82742)</b>
<p>Specimen Requirements: Specimen Requirements: 1 mL Urine Transport Temperature: Refrigerated Specimen Container: NMS Labs has no experimental or literature-based data regarding the choice of specific specimen collection containers for this test. Light Protection Required: Not Required Special Handling: None Rejection Criteria: None</p> <p>Summary of Changes: For Quality Improvement purposes the following changes were made. Acode Description was changed. Method was changed. Flurazepam was removed. Requested volume was decreased. Refrigerated was added.</p>			
<b>2198SP</b>	<b>Halazepam as Metabolite, Serum/Plasma</b> <b>Nordiazepam</b>	ng/mL	<b>LC-MS/MS (80154)</b>
<p>Specimen Requirements: Specimen Requirements: 1 mL Serum/Plasma Transport Temperature: Refrigerated Specimen Container: NMS Labs has no experimental or literature-based data regarding the choice of specific specimen collection containers for this test. Light Protection Required: Not Required Special Handling: Promptly centrifuge and separate Serum or Plasma into a plastic screw capped vial using approved guidelines. Rejection Criteria: Polymer gel separation tube (SST or PST).</p> <p>Summary of Changes: For Quality Improvement purposes the following changes were made. Method was changed. Desalkylhalazepam was removed. Nordiazepam was added. Requested volume was decreased. Refrigerated was added.</p>			

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## TEST CHANGES

### Method/CPT Code\*, Units of Measurement, Scope of Analysis and Specimen Requirements

Test Code	Test Name	Units	Method / CPT Code
<b>2535B</b>	<b>Lorazepam, Blood</b> Lorazepam	ng/mL	<b>LC-MS/MS (80154)</b>
<p>Specimen Requirements: Specimen Requirements: 1 mL Blood Transport Temperature: Refrigerated Specimen Container: NMS Labs has no experimental or literature-based data regarding the choice of specific specimen collection containers for this test. Light Protection Required: Not Required Special Handling: None Rejection Criteria: None</p> <p>Summary of Changes: For Quality Improvement purposes the following changes were made. Method was changed. Requested volume was decreased. Refrigerated was added.</p>			
<b>2535FL</b>	<b>Lorazepam, Fluid</b> Lorazepam	ng/mL	<b>LC-MS/MS (80154)</b>
<p>Specimen Requirements: Specimen Requirements: 1 mL Fluid Transport Temperature: Refrigerated Specimen Container: NMS Labs has no experimental or literature-based data regarding the choice of specific specimen collection containers for this test. Light Protection Required: Not Required Special Handling: None Rejection Criteria: None</p> <p>Summary of Changes: For Quality Improvement purposes the following changes were made. Method was changed. Requested volume was decreased. Refrigerated was added.</p>			
<b>2535SP</b>	<b>Lorazepam, Serum/Plasma</b> Lorazepam	ng/mL	<b>LC-MS/MS (80154)</b>
<p>Specimen Requirements: Specimen Requirements: 1 mL Serum/Plasma Transport Temperature: Refrigerated Specimen Container: NMS Labs has no experimental or literature-based data regarding the choice of specific specimen collection containers for this test. Light Protection Required: Not Required Special Handling: Promptly centrifuge and separate Serum or Plasma into a plastic screw capped vial using approved guidelines. Rejection Criteria: Polymer gel separation tube (SST or PST).</p> <p>Summary of Changes: For Quality Improvement purposes the following changes were made. Method was changed. Requested volume was decreased. Refrigerated was added.</p>			

Changes effective:  
October 6, 2008

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## TEST CHANGES

### Method/CPT Code\*, Units of Measurement, Scope of Analysis and Specimen Requirements

Test Code	Test Name	Units	Method / CPT Code
<b>2535TI</b>	<b>Lorazepam, Tissue</b> Lorazepam	ng/g	<b>LC-MS/MS (80103,80154)</b>
<p>Specimen Requirements: Specimen Requirements: 10 g Tissue Transport Temperature: Refrigerated Specimen Container: NMS Labs has no experimental or literature-based data regarding the choice of specific specimen collection containers for this test. Light Protection Required: Not Required Special Handling: None Rejection Criteria: None</p> <p>Summary of Changes: For Quality Improvement purposes the following changes were made. Method was changed. Refrigerated was added.</p>			
<b>2535U</b>	<b>Lorazepam, Urine</b> Midazolam	ng/mL	<b>LC-MS/MS (80154)</b>
<p>Specimen Requirements: Specimen Requirements: 1 mL Urine Transport Temperature: Refrigerated Specimen Container: NMS Labs has no experimental or literature-based data regarding the choice of specific specimen collection containers for this test. Light Protection Required: Not Required Special Handling: None Rejection Criteria: None</p> <p>Summary of Changes: For Quality Improvement purposes the following changes were made. Method was changed. Requested volume was decreased. Refrigerated was added.</p>			
<b>3057B</b>	<b>Midazolam, Blood</b> Midazolam	ng/mL	<b>LC-MS/MS (80154)</b>
<p>Specimen Requirements: Specimen Requirements: 1 mL Blood Transport Temperature: Refrigerated Specimen Container: NMS Labs has no experimental or literature-based data regarding the choice of specific specimen collection containers for this test. Light Protection Required: Not Required Special Handling: None Rejection Criteria: None</p> <p>Summary of Changes: For Quality Improvement purposes the following changes were made. Method was changed. Requested volume was decreased. Refrigerated was added.</p>			

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## TEST CHANGES

### Method/CPT Code\*, Units of Measurement, Scope of Analysis and Specimen Requirements

Test Code	Test Name	Units	Method / CPT Code
<b>3057FL</b>	<b>Midazolam, Fluid</b> Midazolam	ng/mL	<b>LC-MS/MS (80154)</b>
<p>Specimen Requirements: Specimen Requirements: 1 mL Fluid Transport Temperature: Refrigerated Specimen Container: NMS Labs has no experimental or literature-based data regarding the choice of specific specimen collection containers for this test. Light Protection Required: Not Required Special Handling: None Rejection Criteria: None</p> <p>Summary of Changes: For Quality Improvement purposes the following changes were made. Method was changed. Requested volume was decreased. Refrigerated was added.</p>			
<b>3057SP</b>	<b>Midazolam, Serum/Plasma</b> Midazolam	ng/mL	<b>LC-MS/MS (80154)</b>
<p>Specimen Requirements: Specimen Requirements: 1 mL Serum/Plasma Transport Temperature: Refrigerated Specimen Container: NMS Labs has no experimental or literature-based data regarding the choice of specific specimen collection containers for this test. Light Protection Required: Not Required Special Handling: Promptly centrifuge and separate Serum or Plasma into a plastic screw capped vial using approved guidelines. Rejection Criteria: Polymer gel separation tube (SST or PST).</p> <p>Summary of Changes: For Quality Improvement purposes the following changes were made. Method was changed. Requested volume was decreased. Refrigerated was added.</p>			
<b>3057U</b>	<b>Midazolam as Metabolite, Urine</b> 1-Hydroxymidazolam	ng/mL	<b>LC-MS/MS (80154)</b>
<p>Specimen Requirements: Specimen Requirements: 1 mL Urine Transport Temperature: Refrigerated Specimen Container: NMS Labs has no experimental or literature-based data regarding the choice of specific specimen collection containers for this test. Light Protection Required: Not Required Special Handling: None Rejection Criteria: None</p> <p>Summary of Changes: For Quality Improvement purposes the following changes were made. Acode Description was changed. Method was changed. Midazolam was removed. 1-Hydroxymidazolam was added. Requested volume was decreased. Refrigerated was added.</p>			

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**TEST CHANGES**

**Method/CPT Code\*, Units of Measurement, Scope of Analysis and Specimen Requirements**

<b>Test Code</b>	<b>Test Name</b>	<b>Units</b>	<b>Method / CPT Code</b>
<b>3058SP</b>	<b>Midazolam, Serum/Plasma (CSA)</b> Midazolam	ng/mL	<b>LC-MS/MS (80154)</b>
<p>Specimen Requirements: Specimen Requirements: 1 mL Serum/Plasma Transport Temperature: Refrigerated Specimen Container: NMS Labs has no experimental or literature-based data regarding the choice of specific specimen collection containers for this test. Light Protection Required: Not Required Special Handling: Promptly centrifuge and separate Serum or Plasma into a plastic screw capped vial using approved guidelines. Rejection Criteria: Polymer gel separation tube (SST or PST).</p> <p>Summary of Changes: For Quality Improvement purposes the following changes were made. Acode Description was changed. Method was changed. Requested volume was decreased. Refrigerated was added.</p>			
<b>3216B</b>	<b>Nordiazepam and Metabolite, Blood</b> Nordiazepam Oxazepam	ng/mL ng/mL	<b>LC-MS/MS (80154)</b>
<p>Specimen Requirements: Specimen Requirements: 1 mL Blood Transport Temperature: Refrigerated Specimen Container: NMS Labs has no experimental or literature-based data regarding the choice of specific specimen collection containers for this test. Light Protection Required: Not Required Special Handling: None Rejection Criteria: None</p> <p>Summary of Changes: For Quality Improvement purposes the following changes were made. Method was changed. Requested volume was decreased. Refrigerated was added.</p>			
<b>3216SP</b>	<b>Nordiazepam and Metabolite, Serum/Plasma</b> Nordiazepam Oxazepam	ng/mL ng/mL	<b>LC-MS/MS (80154)</b>
<p>Specimen Requirements: Specimen Requirements: 1 mL Serum/Plasma Transport Temperature: Refrigerated Specimen Container: NMS Labs has no experimental or literature-based data regarding the choice of specific specimen collection containers for this test. Light Protection Required: Not Required Special Handling: Promptly centrifuge and separate Serum or Plasma into a plastic screw capped vial using approved guidelines. Rejection Criteria: Polymer gel separation tube (SST or PST).</p> <p>Summary of Changes: For Quality Improvement purposes the following changes were made. Method was changed. Requested volume was decreased. Refrigerated was added.</p>			

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## TEST CHANGES

### Method/CPT Code\*, Units of Measurement, Scope of Analysis and Specimen Requirements

Test Code	Test Name	Units	Method / CPT Code
<b>3216U</b>	<b>Nordiazepam and Metabolite, Urine</b>		
	Nordiazepam	ng/mL	<b>LC-MS/MS (80154)</b>
	Oxazepam	ng/mL	
Specimen Requirements:	Specimen Requirements: 1 mL Urine Transport Temperature: Refrigerated Specimen Container: NMS Labs has no experimental or literature-based data regarding the choice of specific specimen collection containers for this test. Light Protection Required: Not Required Special Handling: None Rejection Criteria: None		
Summary of Changes:	For Quality Improvement purposes the following changes were made. Method was changed. Requested volume was decreased. Refrigerated was added.		
<b>3260B</b>	<b>Oxazepam, Blood</b>		
	Oxazepam	ng/mL	<b>LC-MS/MS (80154)</b>
Specimen Requirements:	Specimen Requirements: 1 mL Blood Transport Temperature: Refrigerated Specimen Container: NMS Labs has no experimental or literature-based data regarding the choice of specific specimen collection containers for this test. Light Protection Required: Not Required Special Handling: None Rejection Criteria: None		
Summary of Changes:	For Quality Improvement purposes the following changes were made. Method was changed. Requested volume was decreased. Refrigerated was added.		
<b>3260SP</b>	<b>Oxazepam, Serum/Plasma</b>		
	Oxazepam	ng/mL	<b>LC-MS/MS (80154)</b>
Specimen Requirements:	Specimen Requirements: 1 mL Serum/Plasma Transport Temperature: Refrigerated Specimen Container: NMS Labs has no experimental or literature-based data regarding the choice of specific specimen collection containers for this test. Light Protection Required: Not Required Special Handling: Promptly centrifuge and separate Serum or Plasma into a plastic screw capped vial using approved guidelines. Rejection Criteria: Polymer gel separation tube (SST or PST).		
Summary of Changes:	For Quality Improvement purposes the following changes were made. Method was changed. Requested volume was decreased. Refrigerated was added.		

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**TEST CHANGES**

**Method/CPT Code\*, Units of Measurement, Scope of Analysis and Specimen Requirements**

<b>Test Code</b>	<b>Test Name</b>	<b>Units</b>	<b>Method / CPT Code</b>
<b>3260U</b>	<b>Oxazepam, Urine</b> Oxazepam	ng/mL	<b>LC-MS/MS (80154)</b>
<p>Specimen Requirements: Specimen Requirements: 1 mL Urine Transport Temperature: Refrigerated Specimen Container: NMS Labs has no experimental or literature-based data regarding the choice of specific specimen collection containers for this test. Light Protection Required: Not Required Special Handling: None Rejection Criteria: None</p> <p>Summary of Changes: For Quality Improvement purposes the following changes were made. Method was changed. Requested volume was decreased. Refrigerated was added.</p>			
<b>8375B</b>	<b>Oxazepam, Blood (Forensic)</b> Benzodiazepines Oxazepam	ng/mL ng/mL	ELISA (80101) <b>LC-MS/MS (80154)</b>
<p>Specimen Requirements: Specimen Requirements: 2 mL Blood Transport Temperature: Refrigerated Specimen Container: NMS Labs has no experimental or literature-based data regarding the choice of specific specimen collection containers for this test. Light Protection Required: Not Required Special Handling: Submit with Chain of Custody. Rejection Criteria: None</p> <p>Summary of Changes: For Quality Improvement purposes the following changes were made. Method was changed. Requested volume was decreased. Refrigerated was added.</p>			
<b>4323B</b>	<b>Temazepam and Metabolite, Blood</b> Oxazepam Temazepam	ng/mL ng/mL	<b>LC-MS/MS (80154)</b>
<p>Specimen Requirements: Specimen Requirements: 1 mL Blood Transport Temperature: Refrigerated Specimen Container: NMS Labs has no experimental or literature-based data regarding the choice of specific specimen collection containers for this test. Light Protection Required: Not Required Special Handling: None Rejection Criteria: None</p> <p>Summary of Changes: For Quality Improvement purposes the following changes were made. Method was changed. Requested volume was decreased. Refrigerated was added. Reporting order was changed.</p>			

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**TEST CHANGES**

**Method/CPT Code\*, Units of Measurement, Scope of Analysis and Specimen Requirements**

Test Code	Test Name	Units	Method / CPT Code
4323SP	<b>Temazepam and Metabolite, Serum/Plasma</b>		
	Oxazepam	ng/mL	<b>LC-MS/MS (80154)</b>
	Temazepam	ng/mL	
Specimen Requirements:	Specimen Requirements: 1 mL Serum/Plasma Transport Temperature: Refrigerated Specimen Container: NMS Labs has no experimental or literature-based data regarding the choice of specific specimen collection containers for this test. Light Protection Required: Not Required Special Handling: Promptly centrifuge and separate Serum or Plasma into a plastic screw capped vial using approved guidelines. Rejection Criteria: Polymer gel separation tube (SST or PST).		
Summary of Changes:	For Quality Improvement purposes the following changes were made. Method was changed. Requested volume was decreased. Refrigerated was added. Reporting order was changed.		
4323U	<b>Temazepam and Metabolite, Urine</b>		
	Oxazepam	ng/mL	<b>LC-MS/MS (80154)</b>
	Temazepam	ng/mL	
Specimen Requirements:	Specimen Requirements: 1 mL Urine Transport Temperature: Refrigerated Specimen Container: NMS Labs has no experimental or literature-based data regarding the choice of specific specimen collection containers for this test. Light Protection Required: Not Required Special Handling: None Rejection Criteria: None		
Summary of Changes:	For Quality Improvement purposes the following changes were made. Method was changed. Requested volume was decreased. Refrigerated was added. Reporting order was changed.		

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**TEST CHANGES**

**Method/CPT Code\*, Units of Measurement, Scope of Analysis and Specimen Requirements**

Test Code	Test Name	Units	Method / CPT Code
5430B	<b>Temazepam and Metabolite Confirmation, Blood</b>		
	Oxazepam	ng/mL	<b>LC-MS/MS (80154)</b>
	Temazepam	ng/mL	
Specimen Requirements:	Specimen Requirements: 1 mL Blood Transport Temperature: Refrigerated Specimen Container: NMS Labs has no experimental or literature-based data regarding the choice of specific specimen collection containers for this test. Light Protection Required: Not Required Special Handling: None Rejection Criteria: None		
Summary of Changes:	For Quality Improvement purposes the following changes were made. Method was changed. Requested volume was decreased. Refrigerated was added. Reporting order was changed.		
5430FL	<b>Temazepam and Metabolite Confirmation, Fluid</b>		
	Oxazepam	ng/mL	<b>LC-MS/MS (80154)</b>
	Temazepam	ng/mL	
Specimen Requirements:	Specimen Requirements: 1 mL Fluid Transport Temperature: Refrigerated Specimen Container: NMS Labs has no experimental or literature-based data regarding the choice of specific specimen collection containers for this test. Light Protection Required: Not Required Special Handling: None Rejection Criteria: None		
Summary of Changes:	For Quality Improvement purposes the following changes were made. Method was changed. Requested volume was decreased. Refrigerated was added. Reporting order was changed.		

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**TEST CHANGES**

**Method/CPT Code\*, Units of Measurement, Scope of Analysis and Specimen Requirements**

Test Code	Test Name	Units	Method / CPT Code
5430SP	<b>Temazepam and Metabolite Confirmation, Serum/Plasma</b>		
	Oxazepam	ng/mL	<b>LC-MS/MS (80154)</b>
	Temazepam	ng/mL	
Specimen Requirements:	Specimen Requirements: 1 mL Serum/Plasma Transport Temperature: Refrigerated Specimen Container: NMS Labs has no experimental or literature-based data regarding the choice of specific specimen collection containers for this test. Light Protection Required: Not Required Special Handling: Promptly centrifuge and separate Serum or Plasma into a plastic screw capped vial using approved guidelines. Rejection Criteria: Polymer gel separation tube (SST or PST).		
Summary of Changes:	For Quality Improvement purposes the following changes were made. Method was changed. Requested volume was decreased. Refrigerated was added. Reporting order was changed.		
5430U	<b>Temazepam and Metabolite Confirmation, Urine</b>		
	Oxazepam	ng/mL	<b>LC-MS/MS (80154)</b>
	Temazepam	ng/mL	
Specimen Requirements:	Specimen Requirements: 1 mL Urine Transport Temperature: Refrigerated Specimen Container: NMS Labs has no experimental or literature-based data regarding the choice of specific specimen collection containers for this test. Light Protection Required: Not Required Special Handling: None Rejection Criteria: None		
Summary of Changes:	For Quality Improvement purposes the following changes were made. Method was changed. Requested volume was decreased. Refrigerated was added. Reporting order was changed.		

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**TEST CHANGES**

**Method/CPT Code\*, Units of Measurement, Scope of Analysis and Specimen Requirements**

<b>Test Code</b>	<b>Test Name</b>	<b>Units</b>	<b>Method / CPT Code</b>
<b>4543B</b>	<b>Triazolam and Metabolite, Blood</b> Triazolam Hydroxytriazolam	ng/mL ng/mL	<b>LC-MS/MS (80154)</b>
<p>Specimen Requirements: Specimen Requirements: 1 mL Blood Transport Temperature: Refrigerated Specimen Container: NMS Labs has no experimental or literature-based data regarding the choice of specific specimen collection containers for this test. Light Protection Required: Not Required Special Handling: None Rejection Criteria: None</p> <p>Summary of Changes: For Quality Improvement purposes the following changes were made. Method was changed Requested volume was decreased Refrigerated was added</p>			
<b>4543FL</b>	<b>Triazolam and Metabolite, Blood</b> Triazolam Hydroxytriazolam	ng/mL ng/mL	<b>LC-MS/MS (80154)</b>
<p>Specimen Requirements: Specimen Requirements: 1 mL Fluid Transport Temperature: Refrigerated Specimen Container: NMS Labs has no experimental or literature-based data regarding the choice of specific specimen collection containers for this test. Light Protection Required: Not Required Special Handling: None Rejection Criteria: None</p> <p>Summary of Changes: For Quality Improvement purposes the following changes were made. Method was changed Requested volume was decreased Refrigerated was added</p>			
<b>4543SP</b>	<b>Triazolam and Metabolite, Serum/Plasma</b> Triazolam Hydroxytriazolam	ng/mL ng/mL	<b>LC-MS/MS (80154)</b>
<p>Specimen Requirements: Specimen Requirements: 1 mL Serum/Plasma Transport Temperature: Refrigerated Specimen Container: NMS Labs has no experimental or literature-based data regarding the choice of specific specimen collection containers for this test. Light Protection Required: Not Required Special Handling: Promptly centrifuge and separate Serum or Plasma into a plastic screw capped vial using approved guidelines. Rejection Criteria: Polymer gel separation tube (SST or PST).</p> <p>Summary of Changes: For Quality Improvement purposes the following changes were made. Method was changed Requested volume was decreased Refrigerated was added</p>			

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**TEST CHANGES**

**Method/CPT Code\*, Units of Measurement, Scope of Analysis and Specimen Requirements**

<b>Test Code</b>	<b>Test Name</b>	<b>Units</b>	<b>Method / CPT Code</b>
<b>8647B</b>	<b>Triazolam and Metabolite, Blood</b>		
	Triazolam	ng/mL	<b>LC-MS/MS (80154)</b>
	Hydroxytriazolam	ng/mL	
Specimen Requirements:	Specimen Requirements: 1 mL Blood Transport Temperature: Refrigerated Specimen Container: NMS Labs has no experimental or literature-based data regarding the choice of specific specimen collection containers for this test. Light Protection Required: Not Required Special Handling: None Rejection Criteria: None		
Summary of Changes:	For Quality Improvement purposes the following changes were made. Method was changed Requested volume was decreased Refrigerated was added		
<b>8647SP</b>	<b>Triazolam and Metabolite, Serum/Plasma</b>		
	Triazolam	ng/mL	<b>LC-MS/MS (80154)</b>
	Hydroxytriazolam	ng/mL	
Specimen Requirements:	Specimen Requirements: 1 mL Serum/Plasma Transport Temperature: Refrigerated Specimen Container: NMS Labs has no experimental or literature-based data regarding the choice of specific specimen collection containers for this test. Light Protection Required: Not Required Special Handling: Promptly centrifuge and separate Serum or Plasma into a plastic screw capped vial using approved guidelines. Rejection Criteria: Polymer gel separation tube (SST or PST).		
Summary of Changes:	For Quality Improvement purposes the following changes were made. Method was changed Requested volume was decreased Refrigerated was added		
<b>5663B</b>	<b>Triazolam and Metabolite Confirmation, Blood</b>		
	Triazolam	ng/mL	<b>LC-MS/MS (80154)</b>
	Hydroxytriazolam	ng/mL	
Specimen Requirements:	Specimen Requirements: 1 mL Blood Transport Temperature: Refrigerated Specimen Container: NMS Labs has no experimental or literature-based data regarding the choice of specific specimen collection containers for this test. Light Protection Required: Not Required Special Handling: None Rejection Criteria: None		
Summary of Changes:	For Quality Improvement purposes the following changes were made. Method was changed Requested volume was decreased Refrigerated was added		

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**TEST CHANGES**

**Method/CPT Code\*, Units of Measurement, Scope of Analysis and Specimen Requirements**

Test Code	Test Name	Units	Method / CPT Code
5663SP	<b>Triazolam and Metabolite Confirmation, Serum/Plasma</b>	ng/mL ng/mL	<b>LC-MS/MS (80154)</b>
	Triazolam Hydroxytriazolam		
	<p>Specimen Requirements: Specimen Requirements: 1 mL Serum/Plasma            Transport Temperature: Refrigerated            Specimen Container: NMS Labs has no experimental or literature-based data regarding the choice of specific specimen collection containers for this test.            Light Protection Required: Not Required            Special Handling: Promptly centrifuge and separate Serum or Plasma into a plastic screw capped vial using approved guidelines.            Rejection Criteria: Polymer gel separation tube (SST or PST).</p> <p>Summary of Changes: For Quality Improvement purposes the following changes were made.            Method was changed            Requested volume was decreased            Refrigerated was added</p>		
9285B	<b>Triazolam and Metabolite Screen, Blood</b>	ng/mL ng/mL	<b>LC-MS/MS (80100)</b>
	Triazolam Hydroxytriazolam		
	<p>Specimen Requirements: Specimen Requirements: 2 mL Blood            Transport Temperature: Refrigerated            Specimen Container: NMS Labs has no experimental or literature-based data regarding the choice of specific specimen collection containers for this test.            Light Protection Required: Not Required            Special Handling: None            Rejection Criteria: None</p> <p>Summary of Changes: For Quality Improvement purposes the following changes were made.            Method was changed            Requested volume was decreased            Refrigerated was added</p>		

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**TEST CHANGES**

**Method/CPT Code\*, Units of Measurement, Scope of Analysis and Specimen Requirements**

Test Code	Test Name	Units	Method / CPT Code
9285SP	<b>Triazolam and Metabolite Screen, Serum/Plasma</b>		
	Triazolam	ng/mL	<b>LC-MS/MS (80100)</b>
	Hydroxytriazolam	ng/mL	
Specimen Requirements:	Specimen Requirements: 2 mL Serum/Plasma Transport Temperature: Refrigerated Specimen Container: NMS Labs has no experimental or literature-based data regarding the choice of specific specimen collection containers for this test. Light Protection Required: Not Required Special Handling: Promptly centrifuge and separate Serum or Plasma into a plastic screw capped vial using approved guidelines. Rejection Criteria: Polymer gel separation tube (SST or PST).		
Summary of Changes:	For Quality Improvement purposes the following changes were made. Method was changed Requested volume was decreased Refrigerated was added		
8647U	<b>Triazolam as Metabolite, Urine</b>		
	Hydroxytriazolam	ng/mL	<b>LC-MS/MS (80100)</b>
Specimen Requirements:	Specimen Requirements: 1 mL Urine Transport Temperature: Refrigerated Specimen Container: NMS Labs has no experimental or literature-based data regarding the choice of specific specimen collection containers for this test. Light Protection Required: Not Required Special Handling: None Rejection Criteria: None		
Summary of Changes:	For Quality Improvement purposes the following changes were made. Acode Description was changed. Method was changed. Triazolam was removed. Refrigerated was added Requested volume was decreased		

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## TEST CHANGES

### Method/CPT Code\*, Units of Measurement, Scope of Analysis and Specimen Requirements

Test Code	Test Name	Units	Method / CPT Code
<b>5663U</b>	<b>Triazolam as Metabolite Confirmation, Urine</b> Hydroxytriazolam	ng/mL	<b>LC-MS/MS (80154)</b>
Specimen Requirements:	Specimen Requirements: 1 mL Urine Transport Temperature: Refrigerated Specimen Container: NMS Labs has no experimental or literature-based data regarding the choice of specific specimen collection containers for this test. Light Protection Required: Not Required Special Handling: None Rejection Criteria: None		
Summary of Changes:	For Quality Improvement purposes the following changes were made. Acode Description was changed. Triazolam was removed. Method was changed. Requested volume was decreased. Refrigerated was added.		
<b>9285U</b>	<b>Triazolam as Metabolite Screen, Urine</b> Hydroxytriazolam	ng/mL	<b>LC-MS/MS (80100)</b>
Specimen Requirements:	Specimen Requirements: 2 mL Urine Transport Temperature: Refrigerated Specimen Container: NMS Labs has no experimental or literature-based data regarding the choice of specific specimen collection containers for this test. Light Protection Required: Not Required Special Handling: None Rejection Criteria: None		
Summary of Changes:	For Quality Improvement purposes the following changes were made. Acode Description was changed. Triazolam was removed. Method was changed. Refrigerated was added.		

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## DISCONTINUED TESTS

Test Code	Test Name	Alternative Test
0568R	Benzodiazepines Screen, RBCs	No alternate test available for this matrix
3787SP	Prazepam as Metabolite, Serum/Plasma	No alternate test available for this matrix
5641R	Benzodiazepines Confirmation, RBCs	No alternate test available for this matrix
8324B	Midazolam, Blood (Forensic)	9061B Midazolam Screen, Blood
8324SP	Midazolam, Serum/Plasma (Forensic)	9061SP Midazolam Screen, Serum/Plasma
8324U	Midazolam, Urine (Forensic)	No alternate test available for this matrix
8332B	Lorazepam, Blood (Forensic)	9060B Lorazepam Screen, Blood
8332FL	Lorazepam, Fluid (Forensic)	9060FL Lorazepam Screen, Fluid
8332SP	Lorazepam, Serum/Plasma (Forensic)	9060SP Lorazepam Screen, Serum/Plasma
8332TI	Lorazepam, Tissue (Forensic)	9060TI Lorazepam Screen, Tissue
8332U	Lorazepam, Urine (Forensic)	No alternate test available for this matrix
9329R	Benzodiazepines Panel, RBCs	No alternate test available for this matrix



**REFERENCE COMMENT CHANGES**

Test Code	Test Name / Compound	New Reference Comment
	<ul style="list-style-type: none"> <li data-bbox="272 415 454 447">• Alprazolam</li>   <li data-bbox="272 541 451 573">• Midazolam</li>   <li data-bbox="272 909 438 940">• Triazolam</li>   <li data-bbox="272 1150 609 1182">• Hydroxyethylflurazepam</li>   <li data-bbox="272 1308 552 1339">• Desalkylflurazepam</li>   <li data-bbox="272 1465 462 1497">• Flurazepam</li>   <li data-bbox="272 1581 446 1612">• Estazolam</li> </ul>	<p data-bbox="833 415 1339 478">Therapeutic range: 10 - 100 ng/mL. Potentially toxic at greater than 100 ng/mL.</p> <p data-bbox="833 541 1485 846">Peak plasma levels following a single 12.5 mg IM dose: Approximately 200 ng/mL within 45 minutes of dose. Following a single 75 mcg/kg IV dose over 1 minute: 320 ng/mL at 0.25 hours 250 ng/mL at 0.5 hours 210 ng/mL at 1 hour 140 ng/mL at 2 hours 80 ng/mL at 4 hours 40 ng/mL at 6 hours 20 ng/mL at 8 hours.</p> <p data-bbox="833 909 1485 1087">Following a single 0.25 mg oral dose, the mean plasma concentration: 3.0 ng/mL (range, 2.3 - 3.7 ng/mL) within 1.5 hours. Following a single 0.5 mg oral dose, the mean plasma concentration: 4.4 ng/mL (range, 1.7 - 9.4 ng/mL) within 4 hours.</p> <p data-bbox="833 1150 1485 1245">The mean peak plasma concentration following a 30 mg oral dose of Flurazepam was 18 ng Hydroxyethylflurazepam/mL at 1 hour post dose.</p> <p data-bbox="833 1308 1485 1402">The mean peak plasma concentration following a 30 mg oral dose of Flurazepam was 23 ng Desalkylflurazepam/mL at 12 hours post dose.</p> <p data-bbox="833 1465 1485 1549">The mean peak plasma concentration following a 30 mg oral dose was 2.1 ng/mL at 1 hour post dose, but was undetectable at subsequent times.</p> <p data-bbox="833 1612 1485 1759">The mean peak plasma concentration following a 1 mg oral dose was 55 ng/mL (range, 40 - 70 ng/mL).  The mean peak plasma concentration following a 2 mg oral dose was 98 ng/mL (range, 75 - 140 ng/mL).</p>

**REFERENCE COMMENT CHANGES**

Test Code	Test Name / Compound	New Reference Comment
5641SP	<p><b>Benzodiazepines Confirmation, Serum/Plasma</b></p> <ul style="list-style-type: none"> <li>• Oxazepam</li>   <li>• Temazepam</li>   <li>• Alprazolam</li>   <li>• Midazolam</li>   <li>• Triazolam</li>   <li>• Hydroxyethylflurazepam</li> </ul>	<p>When used as a drug, the therapeutic plasma concentration: 200 -1400 ng/mL. Potentially toxic greater than 2000 ng/mL.</p> <p>As a metabolite of Diazepam, low concentrations may be observed. In one study, following chronic daily doses of about 70 mg of Diazepam, the steady-state serum concentrations were 50 - 400 ng Oxazepam/mL.</p> <p>When used as a drug, peak plasma concentrations range from 200 to 1100 ng/mL within 1.5 hours post-dose.</p> <p>As a metabolite of Diazepam, low concentrations may be observed. In one study, following chronic daily doses of about 70 mg of Diazepam, the steady-state serum concentrations were 100 - 600 ng Temazepam/mL.</p> <p>Therapeutic range: 10 - 100 ng/mL. Potentially toxic at greater than 100 ng/mL.</p> <p>Peak plasma levels following a single 12.5 mg IM dose: Approximately 200 ng/mL within 45 minutes of dose. Following a single 75 mcg/kg IV dose over 1 minute: 320 ng/mL at 0.25 hours 250 ng/mL at 0.5 hours 210 ng/mL at 1 hour 140 ng/mL at 2 hours 80 ng/mL at 4 hours 40 ng/mL at 6 hours 20 ng/mL at 8 hours.</p> <p>Following a single 0.25 mg oral dose, the mean plasma concentration: 3.0 ng/mL (range, 2.3 - 3.7 ng/mL) within 1.5 hours. Following a single 0.5 mg oral dose, the mean plasma concentration: 4.4 ng/mL (range, 1.7 - 9.4 ng/mL) within 4 hours.</p> <p>The mean peak plasma concentration following a 30 mg oral dose of Flurazepam was 18 ng Hydroxyethylflurazepam/mL at 1 hour post dose.</p>

**REFERENCE COMMENT CHANGES**

Test Code	Test Name / Compound	New Reference Comment
	<ul style="list-style-type: none"> <li>• Desalkylflurazepam</li> <li>• Flurazepam</li> <li>• Estazolam</li> </ul>	<p>The mean peak plasma concentration following a 30 mg oral dose of Flurazepam was 23 ng Desalkylflurazepam/mL at 12 hours post dose.</p> <p>The mean peak plasma concentration following a 30 mg oral dose was 2.1 ng/mL at 1 hour post dose, but was undetectable at subsequent times.</p> <p>The mean peak plasma concentration following a 1 mg oral dose was 55 ng/mL (range, 40 - 70 ng/mL).</p> <p>The mean peak plasma concentration following a 2 mg oral dose was 98 ng/mL (range, 75 - 140 ng/mL).</p>
5039SP	<p><b>Benzodiazepines Confirmation, Serum/Plasma (CSA)</b></p> <ul style="list-style-type: none"> <li>• Oxazepam</li> <li>• Temazepam</li> <li>• Alprazolam</li> </ul>	<p>When used as a drug, the therapeutic plasma concentration: 200 -1400 ng/mL. Potentially toxic greater than 2000 ng/mL.</p> <p>As a metabolite of Diazepam, low concentrations may be observed. In one study, following chronic daily doses of about 70 mg of Diazepam, the steady-state serum concentrations were 50 - 400 ng Oxazepam/mL.</p> <p>When used as a drug, peak plasma concentrations range from 200 to 1100 ng/mL within 1.5 hours post-dose.</p> <p>As a metabolite of Diazepam, low concentrations may be observed. In one study, following chronic daily doses of about 70 mg of Diazepam, the steady-state serum concentrations were 100 - 600 ng Temazepam/mL.</p> <p>Therapeutic range: 10 - 100 ng/mL. Potentially toxic at greater than 100 ng/mL.</p>

**REFERENCE COMMENT CHANGES**

Test Code	Test Name / Compound	New Reference Comment
	<ul style="list-style-type: none"> <li>• Midazolam</li>   <li>• Triazolam</li>   <li>• Hydroxyethylflurazepam</li>   <li>• Desalkylflurazepam</li>   <li>• Flurazepam</li>   <li>• Estazolam</li> </ul>	<p>Peak plasma levels following a single 12.5 mg IM dose: Approximately 200 ng/mL within 45 minutes of dose. Following a single 75 mcg/kg IV dose over 1 minute: 320 ng/mL at 0.25 hours 250 ng/mL at 0.5 hours 210 ng/mL at 1 hour 140 ng/mL at 2 hours 80 ng/mL at 4 hours 40 ng/mL at 6 hours 20 ng/mL at 8 hours.</p> <p>Following a single 0.25 mg oral dose, the mean plasma concentration: 3.0 ng/mL (range, 2.3 - 3.7 ng/mL) within 1.5 hours. Following a single 0.5 mg oral dose, the mean plasma concentration: 4.4 ng/mL (range, 1.7 - 9.4 ng/mL) within 4 hours.</p> <p>The mean peak plasma concentration following a 30 mg oral dose of Flurazepam was 18 ng Hydroxyethylflurazepam/mL at 1 hour post dose.</p> <p>The mean peak plasma concentration following a 30 mg oral dose of Flurazepam was 23 ng Desalkylflurazepam/mL at 12 hours post dose.</p> <p>The mean peak plasma concentration following a 30 mg oral dose was 2.1 ng/mL at 1 hour post dose, but was undetectable at subsequent times.</p> <p>The mean peak plasma concentration following a 1 mg oral dose was 55 ng/mL (range, 40 - 70 ng/mL).  The mean peak plasma concentration following a 2 mg oral dose was 98 ng/mL (range, 75 - 140 ng/mL).</p>



**REFERENCE COMMENT CHANGES**

Test Code	Test Name / Compound	New Reference Comment
	<ul style="list-style-type: none"> <li>• Desalkylflurazepam</li>   <li>• Flurazepam</li>   <li>• Estazolam</li> </ul>	<p>The mean peak plasma concentration following a 30 mg oral dose of Flurazepam was 23 ng Desalkylflurazepam/mL at 12 hours post dose.</p> <p>The mean peak plasma concentration following a 30 mg oral dose was 2.1 ng/mL at 1 hour post dose, but was undetectable at subsequent times.</p> <p>The mean peak plasma concentration following a 1 mg oral dose was 55 ng/mL (range, 40 - 70 ng/mL).</p> <p>The mean peak plasma concentration following a 2 mg oral dose was 98 ng/mL (range, 75 - 140 ng/mL).</p>
8227SP	<p><b>Benzodiazepines, Serum/Plasma (Forensic)</b></p> <ul style="list-style-type: none"> <li>• Oxazepam</li>   <li>• Temazepam</li>   <li>• Alprazolam</li> </ul>	<p>When used as a drug, the therapeutic plasma concentration: 200 -1400 ng/mL. Potentially toxic greater than 2000 ng/mL.</p> <p>As a metabolite of Diazepam, low concentrations may be observed. In one study, following chronic daily doses of about 70 mg of Diazepam, the steady-state serum concentrations were 50 - 400 ng Oxazepam/mL.</p> <p>When used as a drug, peak plasma concentrations range from 200 to 1100 ng/mL within 1.5 hours post-dose.</p> <p>As a metabolite of Diazepam, low concentrations may be observed. In one study, following chronic daily doses of about 70 mg of Diazepam, the steady-state serum concentrations were 100 - 600 ng Temazepam/mL.</p> <p>Therapeutic range: 10 - 100 ng/mL. Potentially toxic at greater than 100 ng/mL.</p>

**REFERENCE COMMENT CHANGES**

Test Code	Test Name / Compound	New Reference Comment
	<ul style="list-style-type: none"> <li>• Midazolam</li>   <li>• Triazolam</li>   <li>• Hydroxyethylflurazepam</li>   <li>• Desalkylflurazepam</li>   <li>• Flurazepam</li>   <li>• Estazolam</li> </ul>	<p>Peak plasma levels following a single 12.5 mg IM dose: Approximately 200 ng/mL within 45 minutes of dose. Following a single 75 mcg/kg IV dose over 1 minute:</p> <ul style="list-style-type: none"> <li>320 ng/mL at 0.25 hours</li> <li>250 ng/mL at 0.5 hours</li> <li>210 ng/mL at 1 hour</li> <li>140 ng/mL at 2 hours</li> <li>80 ng/mL at 4 hours</li> <li>40 ng/mL at 6 hours</li> <li>20 ng/mL at 8 hours.</li> </ul> <p>Following a single 0.25 mg oral dose, the mean plasma concentration: 3.0 ng/mL (range, 2.3 - 3.7 ng/mL) within 1.5 hours. Following a single 0.5 mg oral dose, the mean plasma concentration: 4.4 ng/mL (range, 1.7 - 9.4 ng/mL) within 4 hours.</p> <p>The mean peak plasma concentration following a 30 mg oral dose of Flurazepam was 18 ng Hydroxyethylflurazepam/mL at 1 hour post dose.</p> <p>The mean peak plasma concentration following a 30 mg oral dose of Flurazepam was 23 ng Desalkylflurazepam/mL at 12 hours post dose.</p> <p>The mean peak plasma concentration following a 30 mg oral dose was 2.1 ng/mL at 1 hour post dose, but was undetectable at subsequent times.</p> <p>The mean peak plasma concentration following a 1 mg oral dose was 55 ng/mL (range, 40 - 70 ng/mL).</p> <p>The mean peak plasma concentration following a 2 mg oral dose was 98 ng/mL (range, 75 - 140 ng/mL).</p>





**REFERENCE COMMENT CHANGES**

Test Code	Test Name / Compound	New Reference Comment
	<ul style="list-style-type: none"> <li>• Triazolam</li>   <li>• Hydroxyethylflurazepam</li>   <li>• Desalkylflurazepam</li>   <li>• Flurazepam</li>   <li>• Estazolam</li> </ul>	<p>Following a single 0.25 mg oral dose, the mean plasma concentration: 3.0 ng/mL (range, 2.3 - 3.7 ng/mL) within 1.5 hours. Following a single 0.5 mg oral dose, the mean plasma concentration: 4.4 ng/mL (range, 1.7 - 9.4 ng/mL) within 4 hours.</p> <p>The mean peak plasma concentration following a 30 mg oral dose of Flurazepam was 18 ng Hydroxyethylflurazepam/mL at 1 hour post dose.</p> <p>The mean peak plasma concentration following a 30 mg oral dose of Flurazepam was 23 ng Desalkylflurazepam/mL at 12 hours post dose.</p> <p>The mean peak plasma concentration following a 30 mg oral dose was 2.1 ng/mL at 1 hour post dose, but was undetectable at subsequent times.</p> <p>The mean peak plasma concentration following a 1 mg oral dose was 55 ng/mL (range, 40 - 70 ng/mL).</p> <p>The mean peak plasma concentration following a 2 mg oral dose was 98 ng/mL (range, 75 - 140 ng/mL).</p>
9331SP	<p><b>Benzodiazepines Panel, Serum/Plasma (CSA)</b></p> <ul style="list-style-type: none"> <li>• Oxazepam</li>         <li>• Temazepam</li> </ul>	<p>When used as a drug, the therapeutic plasma concentration: 200 -1400 ng/mL. Potentially toxic greater than 2000 ng/mL.</p> <p>As a metabolite of Diazepam, low concentrations may be observed. In one study, following chronic daily doses of about 70 mg of Diazepam, the steady-state serum concentrations were 50 - 400 ng Oxazepam/mL.</p> <p>When used as a drug, peak plasma concentrations range from 200 to 1100 ng/mL within 1.5 hours post-dose.</p> <p>As a metabolite of Diazepam, low concentrations may be observed. In one study, following chronic daily doses of about 70 mg of Diazepam, the steady-state serum concentrations were 100 - 600 ng Temazepam/mL.</p>

**REFERENCE COMMENT CHANGES**

Test Code	Test Name / Compound	New Reference Comment
	<ul style="list-style-type: none"> <li>• Alprazolam</li>   <li>• Midazolam</li>   <li>• Triazolam</li>   <li>• Hydroxyethylflurazepam</li>   <li>• Desalkylflurazepam</li>   <li>• Flurazepam</li>   <li>• Estazolam</li> </ul>	<p>Therapeutic range: 10 - 100 ng/mL. Potentially toxic at greater than 100 ng/mL.</p> <p>Peak plasma levels following a single 12.5 mg IM dose: Approximately 200 ng/mL within 45 minutes of dose. Following a single 75 mcg/kg IV dose over 1 minute: 320 ng/mL at 0.25 hours 250 ng/mL at 0.5 hours 210 ng/mL at 1 hour 140 ng/mL at 2 hours 80 ng/mL at 4 hours 40 ng/mL at 6 hours 20 ng/mL at 8 hours.</p> <p>Following a single 0.25 mg oral dose, the mean plasma concentration: 3.0 ng/mL (range, 2.3 - 3.7 ng/mL) within 1.5 hours. Following a single 0.5 mg oral dose, the mean plasma concentration: 4.4 ng/mL (range, 1.7 - 9.4 ng/mL) within 4 hours.</p> <p>The mean peak plasma concentration following a 30 mg oral dose of Flurazepam was 18 ng Hydroxyethylflurazepam/mL at 1 hour post dose.</p> <p>The mean peak plasma concentration following a 30 mg oral dose of Flurazepam was 23 ng Desalkylflurazepam/mL at 12 hours post dose.</p> <p>The mean peak plasma concentration following a 30 mg oral dose was 2.1 ng/mL at 1 hour post dose, but was undetectable at subsequent times.</p> <p>The mean peak plasma concentration following a 1 mg oral dose was 55 ng/mL (range, 40 - 70 ng/mL).</p> <p>The mean peak plasma concentration following a 2 mg oral dose was 98 ng/mL (range, 75 - 140 ng/mL).</p>



**REFERENCE COMMENT CHANGES**

Test Code	Test Name / Compound	New Reference Comment
	<ul style="list-style-type: none"> <li>• Desalkylflurazepam</li> <li>• Flurazepam</li> <li>• Estazolam</li> </ul>	<p>The mean peak plasma concentration following a 30 mg oral dose of Flurazepam was 23 ng Desalkylflurazepam/mL at 12 hours post dose.</p> <p>The mean peak plasma concentration following a 30 mg oral dose was 2.1 ng/mL at 1 hour post dose, but was undetectable at subsequent times.</p> <p>The mean peak plasma concentration following a 1 mg oral dose was 55 ng/mL (range, 40 - 70 ng/mL).</p> <p>The mean peak plasma concentration following a 2 mg oral dose was 98 ng/mL (range, 75 - 140 ng/mL).</p>
5230SP	<p><b>Benzodiazepines Quantitation/Confirmation, Serum/Plasma (Forensic)</b></p> <ul style="list-style-type: none"> <li>• Oxazepam</li> <li>• Temazepam</li> <li>• Alprazolam</li> </ul>	<p>When used as a drug, the therapeutic plasma concentration: 200 -1400 ng/mL. Potentially toxic greater than 2000 ng/mL.</p> <p>As a metabolite of Diazepam, low concentrations may be observed. In one study, following chronic daily doses of about 70 mg of Diazepam, the steady-state serum concentrations were 50 - 400 ng Oxazepam/mL.</p> <p>When used as a drug, peak plasma concentrations range from 200 to 1100 ng/mL within 1.5 hours post-dose.</p> <p>As a metabolite of Diazepam, low concentrations may be observed. In one study, following chronic daily doses of about 70 mg of Diazepam, the steady-state serum concentrations were 100 - 600 ng Temazepam/mL.</p> <p>Therapeutic range: 10 - 100 ng/mL. Potentially toxic at greater than 100 ng/mL.</p>

**REFERENCE COMMENT CHANGES**

Test Code	Test Name / Compound	New Reference Comment
	<ul style="list-style-type: none"> <li>• Midazolam</li>   <li>• Triazolam</li>   <li>• Hydroxyethylflurazepam</li>   <li>• Desalkylflurazepam</li>   <li>• Flurazepam</li>   <li>• Estazolam</li> </ul>	<p>Peak plasma levels following a single 12.5 mg IM dose: Approximately 200 ng/mL within 45 minutes of dose. Following a single 75 mcg/kg IV dose over 1 minute:            320 ng/mL at 0.25 hours            250 ng/mL at 0.5 hours            210 ng/mL at 1 hour            140 ng/mL at 2 hours            80 ng/mL at 4 hours            40 ng/mL at 6 hours            20 ng/mL at 8 hours.</p> <p>Following a single 0.25 mg oral dose, the mean plasma concentration: 3.0 ng/mL (range, 2.3 - 3.7 ng/mL) within 1.5 hours.            Following a single 0.5 mg oral dose, the mean plasma concentration: 4.4 ng/mL (range, 1.7 - 9.4 ng/mL) within 4 hours.</p> <p>The mean peak plasma concentration following a 30 mg oral dose of Flurazepam was 18 ng Hydroxyethylflurazepam/mL at 1 hour post dose.</p> <p>The mean peak plasma concentration following a 30 mg oral dose of Flurazepam was 23 ng Desalkylflurazepam/mL at 12 hours post dose.</p> <p>The mean peak plasma concentration following a 30 mg oral dose was 2.1 ng/mL at 1 hour post dose, but was undetectable at subsequent times.</p> <p>The mean peak plasma concentration following a 1 mg oral dose was 55 ng/mL (range, 40 - 70 ng/mL).             The mean peak plasma concentration following a 2 mg oral dose was 98 ng/mL (range, 75 - 140 ng/mL).</p>

**REFERENCE COMMENT CHANGES**

<b>Test Code</b>	<b>Test Name / Compound</b>	<b>New Reference Comment</b>
1267B	<b>Clobazam, Blood</b> <ul style="list-style-type: none"> <li>Clobazam</li> </ul>	<p>Following a single 20 mg oral dose, the mean peak plasma concentration: 465 ng/mL (range, 220 - 710 ng/mL) after 1.7 hours.</p> <p>Following a single 40 mg oral dose, the mean peak plasma concentration: 730 ng/mL at 2.5 hours. The plasma concentration decreased to 360 ng/mL at 12 hours, 180 ng/mL at 48 hours and 17 ng/mL at 96 hours.</p>
1267SP	<b>Clobazam, Serum/Plasma</b> <ul style="list-style-type: none"> <li>Clobazam</li> </ul>	<p>Following a single 20 mg oral dose, the mean peak plasma concentration: 465 ng/mL (range, 220 - 710 ng/mL) after 1.7 hours.</p> <p>Following a single 40 mg oral dose, the mean peak plasma concentration: 730 ng/mL at 2.5 hours. The plasma concentration decreased to 360 ng/mL at 12 hours, 180 ng/mL at 48 hours and 17 ng/mL at 96 hours.</p>
1269SP	<b>Clobazam, Serum/Plasma (CSA)</b> <ul style="list-style-type: none"> <li>Clobazam</li> </ul>	<p>Following a single 20 mg oral dose, the mean peak plasma concentration: 465 ng/mL (range, 220 - 710 ng/mL) after 1.7 hours.</p> <p>Following a single 40 mg oral dose, the mean peak plasma concentration: 730 ng/mL at 2.5 hours. The plasma concentration decreased to 360 ng/mL at 12 hours, 180 ng/mL at 48 hours and 17 ng/mL at 96 hours.</p>
1270B	<b>Clonazepam and Metabolite, Blood</b> <ul style="list-style-type: none"> <li>7-Amino Clonazepam</li> <li>Clonazepam</li> </ul>	<p>Plasma concentrations following chronic therapy with 6 mg/day of Clonazepam: 20 to 140 ng/mL.</p> <p>Therapeutic range: 10 - 75 ng/mL. Toxic: greater than 100 ng/mL.</p>
1270SP	<b>Clonazepam and Metabolite, Serum/Plasma</b> <ul style="list-style-type: none"> <li>7-Amino Clonazepam</li> <li>Clonazepam</li> </ul>	<p>Plasma concentrations following chronic therapy with 6 mg/day of Clonazepam: 20 to 140 ng/mL.</p> <p>Therapeutic range: 10 - 75 ng/mL. Toxic: greater than 100 ng/mL.</p>
1271SP	<b>Clonazepam and Metabolite, Serum/Plasma (CSA)</b> <ul style="list-style-type: none"> <li>7-Amino Clonazepam</li> </ul>	<p>Plasma concentrations following chronic therapy with 6 mg/day of Clonazepam: 20 to 140 ng/mL.</p>

**REFERENCE COMMENT CHANGES**

<b>Test Code</b>	<b>Test Name / Compound</b>	<b>New Reference Comment</b>
	<ul style="list-style-type: none"> <li>• Clonazepam</li> </ul>	Therapeutic range: 10 - 75 ng/mL. Toxic: greater than 100 ng/mL.
<b>5488B</b>	<b>Clonazepam and Metabolite Confirmation, Blood</b> <ul style="list-style-type: none"> <li>• 7-Amino Clonazepam</li> <li>• Clonazepam</li> </ul>	Plasma concentrations following chronic therapy with 6 mg/day of Clonazepam: 20 to 140 ng/mL.  Therapeutic range: 10 - 75 ng/mL. Toxic: greater than 100 ng/mL.
<b>5488SP</b>	<b>Clonazepam and Metabolite Confirmation, Serum/Plasma</b> <ul style="list-style-type: none"> <li>• 7-Amino Clonazepam</li> <li>• Clonazepam</li> </ul>	Plasma concentrations following chronic therapy with 6 mg/day of Clonazepam: 20 to 140 ng/mL.  Therapeutic range: 10 - 75 ng/mL. Toxic: greater than 100 ng/mL.
<b>9139B</b>	<b>Clonazepam and Metabolite Screen, Blood</b> <ul style="list-style-type: none"> <li>• 7-Amino Clonazepam</li> <li>• Clonazepam</li> </ul>	Plasma concentrations following chronic therapy with 6 mg/day of Clonazepam: 20 to 140 ng/mL.  Therapeutic range: 10 - 75 ng/mL. Toxic: greater than 100 ng/mL.
<b>9139SP</b>	<b>Clonazepam and Metabolite Screen, Serum/Plasma</b> <ul style="list-style-type: none"> <li>• 7-Amino Clonazepam</li> <li>• Clonazepam</li> </ul>	Plasma concentrations following chronic therapy with 6 mg/day of Clonazepam: 20 to 140 ng/mL.  Therapeutic range: 10 - 75 ng/mL. Toxic: greater than 100 ng/mL.
<b>5474B</b>	<b>Clonazepam, Flunitrazepam, Nitrazepam Confirmation, Blood</b> <ul style="list-style-type: none"> <li>• 7-Amino Clonazepam</li> <li>• Clonazepam</li> </ul>	Plasma concentrations following chronic therapy with 6 mg/day of Clonazepam: 20 to 140 ng/mL.  Therapeutic range: 10 - 75 ng/mL. Toxic: greater than 100 ng/mL.
<b>5474SP</b>	<b>Clonazepam, Flunitrazepam, Nitrazepam Confirmation, Serum/Plasma</b> <ul style="list-style-type: none"> <li>• 7-Amino Clonazepam</li> </ul>	Plasma concentrations following chronic therapy with 6 mg/day of Clonazepam: 20 to 140 ng/mL.

**REFERENCE COMMENT CHANGES**

Test Code	Test Name / Compound	New Reference Comment
	<ul style="list-style-type: none"> <li>Clonazepam</li> </ul>	Therapeutic range: 10 - 75 ng/mL. Toxic: greater than 100 ng/mL.
1280B	<b>Clorazepate as Metabolite, Blood</b> <ul style="list-style-type: none"> <li>Nordiazepam</li> </ul>	Mean steady-state plasma concentrations during chronic daily therapy with 50 mg of Clorazepate: 1600 ng/mL (range, 1200 - 2600 ng/mL)
1280SP	<b>Clorazepate as Metabolite, Serum/Plasma</b> <ul style="list-style-type: none"> <li>Nordiazepam</li> </ul>	Mean steady-state plasma concentrations during chronic daily therapy with 50 mg of Clorazepate: 1600 ng/mL (range, 1200 - 2600 ng/mL)
8263B	<b>Clorazepate as Metabolite, Blood (Forensic)</b> <ul style="list-style-type: none"> <li>Nordiazepam</li> </ul>	Mean steady-state plasma concentrations during chronic daily therapy with 50 mg of Clorazepate: 1600 ng/mL (range, 1200 - 2600 ng/mL)
8145B	<b>DFSA Profile, Blood (Forensic)</b> <ul style="list-style-type: none"> <li>Oxazepam</li> <li>Temazepam</li> <li>Alprazolam</li> <li>Midazolam</li> </ul>	<p>When used as a drug, the therapeutic plasma concentration: 200 -1400 ng/mL.                      Potentially toxic greater than 2000 ng/mL.</p> <p>As a metabolite of Diazepam, low concentrations may be observed. In one study, following chronic daily doses of about 70 mg of Diazepam, the steady-state serum concentrations were 50 - 400 ng Oxazepam/mL.</p> <p>When used as a drug, peak plasma concentrations range from 200 to 1100 ng/mL within 1.5 hours post-dose.</p> <p>As a metabolite of Diazepam, low concentrations may be observed. In one study, following chronic daily doses of about 70 mg of Diazepam, the steady-state serum concentrations were 100 - 600 ng Temazepam/mL.</p> <p>Therapeutic range: 10 - 100 ng/mL.                      Potentially toxic at greater than 100 ng/mL.</p> <p>Peak plasma levels following a single 12.5 mg IM dose:                      Approximately 200 ng/mL within 45 minutes of dose.                      Following a single 75 mcg/kg IV dose over 1 minute:                      320 ng/mL at 0.25 hours                      250 ng/mL at 0.5 hours                      210 ng/mL at 1 hour                      140 ng/mL at 2 hours                      80 ng/mL at 4 hours                      40 ng/mL at 6 hours                      20 ng/mL at 8 hours.</p>

**REFERENCE COMMENT CHANGES**

Test Code	Test Name / Compound	New Reference Comment
	<ul style="list-style-type: none"> <li>• Triazolam</li>   <li>• Hydroxyethylflurazepam</li>   <li>• Desalkylflurazepam</li>   <li>• Flurazepam</li>   <li>• Estazolam</li> </ul>	<p>Following a single 0.25 mg oral dose, the mean plasma concentration: 3.0 ng/mL (range, 2.3 - 3.7 ng/mL) within 1.5 hours. Following a single 0.5 mg oral dose, the mean plasma concentration: 4.4 ng/mL (range, 1.7 - 9.4 ng/mL) within 4 hours.</p> <p>The mean peak plasma concentration following a 30 mg oral dose of Flurazepam was 18 ng Hydroxyethylflurazepam/mL at 1 hour post dose.</p> <p>The mean peak plasma concentration following a 30 mg oral dose of Flurazepam was 23 ng Desalkylflurazepam/mL at 12 hours post dose.</p> <p>The mean peak plasma concentration following a 30 mg oral dose was 2.1 ng/mL at 1 hour post dose, but was undetectable at subsequent times.</p> <p>The mean peak plasma concentration following a 1 mg oral dose was 55 ng/mL (range, 40 - 70 ng/mL). The mean peak plasma concentration following a 2 mg oral dose was 98 ng/mL (range, 75 - 140 ng/mL).</p>
1501B	<p><b>Diazepam and Metabolites, Blood</b></p> <ul style="list-style-type: none"> <li>• Oxazepam</li> </ul>	<p>When used as a drug, the therapeutic plasma concentration: 200 -1400 ng/mL. Potentially toxic greater than 2000 ng/mL.</p> <p>As a metabolite of Diazepam, low concentrations may be observed. In one study, following chronic daily doses of about 70 mg of Diazepam, the steady-state serum concentrations were 50 - 400 ng Oxazepam/mL.</p>

## REFERENCE COMMENT CHANGES

Test Code	Test Name / Compound	New Reference Comment
	<ul style="list-style-type: none"> <li>• Temazepam</li> </ul>	<p>When used as a drug, peak plasma concentrations range from 200 to 1100 ng/mL within 1.5 hours post-dose.</p> <p>As a metabolite of Diazepam, low concentrations may be observed. In one study, following chronic daily doses of about 70 mg of Diazepam, the steady-state serum concentrations were 100 - 600 ng Temazepam/mL.</p>
1501SP	<p><b>Diazepam and Metabolites, Serum/Plasma</b></p> <ul style="list-style-type: none"> <li>• Oxazepam</li>   <li>• Temazepam</li> </ul>	<p>When used as a drug, the therapeutic plasma concentration: 200 -1400 ng/mL. Potentially toxic greater than 2000 ng/mL.</p> <p>As a metabolite of Diazepam, low concentrations may be observed. In one study, following chronic daily doses of about 70 mg of Diazepam, the steady-state serum concentrations were 50 - 400 ng Oxazepam/mL.</p> <p>When used as a drug, peak plasma concentrations range from 200 to 1100 ng/mL within 1.5 hours post-dose.</p> <p>As a metabolite of Diazepam, low concentrations may be observed. In one study, following chronic daily doses of about 70 mg of Diazepam, the steady-state serum concentrations were 100 - 600 ng Temazepam/mL.</p>
5411B	<p><b>Diazepam and Metabolites Confirmation, Blood</b></p> <ul style="list-style-type: none"> <li>• Diazepam</li>   <li>• Nordiazepam</li>   <li>• Oxazepam</li> </ul>	<p>Therapeutic range: 100 - 1000 ng/mL.</p> <p>Therapeutic range: 100 - 1000 ng/mL. Toxic (total of Diazepam and Nordiazepam): Greater than 5000 ng/mL.</p> <p>When used as a drug, the therapeutic plasma concentration: 200 -1400 ng/mL. Potentially toxic greater than 2000 ng/mL.</p> <p>As a metabolite of Diazepam, low concentrations may be observed. In one study, following chronic daily doses of about 70 mg of Diazepam, the steady-state serum concentrations were 50 - 400 ng Oxazepam/mL.</p>

**REFERENCE COMMENT CHANGES**

Test Code	Test Name / Compound	New Reference Comment
	<ul style="list-style-type: none"> <li>• Temazepam</li> </ul>	<p>When used as a drug, peak plasma concentrations range from 200 to 1100 ng/mL within 1.5 hours post-dose.</p> <p>As a metabolite of Diazepam, low concentrations may be observed. In one study, following chronic daily doses of about 70 mg of Diazepam, the steady-state serum concentrations were 100 - 600 ng Temazepam/mL.</p>
5411SP	<p><b>Diazepam and Metabolites Confirmation, Serum/Plasma</b></p> <ul style="list-style-type: none"> <li>• Diazepam</li> <li>• Nordiazepam</li> <li>• Oxazepam</li> <li>• Temazepam</li> </ul>	<p>Therapeutic range: 100 - 1000 ng/mL.</p> <p>Therapeutic range: 100 - 1000 ng/mL. Toxic (total of Diazepam and Nordiazepam): Greater than 5000 ng/mL.</p> <p>When used as a drug, the therapeutic plasma concentration: 200 -1400 ng/mL. Potentially toxic greater than 2000 ng/mL.</p> <p>As a metabolite of Diazepam, low concentrations may be observed. In one study, following chronic daily doses of about 70 mg of Diazepam, the steady-state serum concentrations were 50 - 400 ng Oxazepam/mL.</p> <p>When used as a drug, peak plasma concentrations range from 200 to 1100 ng/mL within 1.5 hours post-dose.</p> <p>As a metabolite of Diazepam, low concentrations may be observed. In one study, following chronic daily doses of about 70 mg of Diazepam, the steady-state serum concentrations were 100 - 600 ng Temazepam/mL.</p>
1450SP	<p><b>Drug-Facilitated Sexual Assault Panel, Serum/Plasma (Forensic)</b></p> <ul style="list-style-type: none"> <li>• Oxazepam</li> </ul>	<p>When used as a drug, the therapeutic plasma concentration: 200 -1400 ng/mL. Potentially toxic greater than 2000 ng/mL.</p> <p>As a metabolite of Diazepam, low concentrations may be observed. In one study, following chronic daily doses of about 70 mg of Diazepam, the steady-state serum concentrations were 50 - 400 ng Oxazepam/mL.</p>

**REFERENCE COMMENT CHANGES**

Test Code	Test Name / Compound	New Reference Comment
	<ul style="list-style-type: none"> <li>• Temazepam</li>   <li>• Alprazolam</li>   <li>• Midazolam</li>   <li>• Triazolam</li>   <li>• Hydroxyethylflurazepam</li>   <li>• Desalkylflurazepam</li>   <li>• Flurazepam</li> </ul>	<p>When used as a drug, peak plasma concentrations range from 200 to 1100 ng/mL within 1.5 hours post-dose.</p> <p>As a metabolite of Diazepam, low concentrations may be observed. In one study, following chronic daily doses of about 70 mg of Diazepam, the steady-state serum concentrations were 100 - 600 ng Temazepam/mL.</p> <p>Therapeutic range: 10 - 100 ng/mL. Potentially toxic at greater than 100 ng/mL.</p> <p>Peak plasma levels following a single 12.5 mg IM dose: Approximately 200 ng/mL within 45 minutes of dose. Following a single 75 mcg/kg IV dose over 1 minute: 320 ng/mL at 0.25 hours 250 ng/mL at 0.5 hours 210 ng/mL at 1 hour 140 ng/mL at 2 hours 80 ng/mL at 4 hours 40 ng/mL at 6 hours 20 ng/mL at 8 hours.</p> <p>Following a single 0.25 mg oral dose, the mean plasma concentration: 3.0 ng/mL (range, 2.3 - 3.7 ng/mL) within 1.5 hours. Following a single 0.5 mg oral dose, the mean plasma concentration: 4.4 ng/mL (range, 1.7 - 9.4 ng/mL) within 4 hours.</p> <p>The mean peak plasma concentration following a 30 mg oral dose of Flurazepam was 18 ng Hydroxyethylflurazepam/mL at 1 hour post dose.</p> <p>The mean peak plasma concentration following a 30 mg oral dose of Flurazepam was 23 ng Desalkylflurazepam/mL at 12 hours post dose.</p> <p>The mean peak plasma concentration following a 30 mg oral dose was 2.1 ng/mL at 1 hour post dose, but was undetectable at subsequent times.</p>

**REFERENCE COMMENT CHANGES**

Test Code	Test Name / Compound	New Reference Comment
	<ul style="list-style-type: none"> <li>Estazolam</li> </ul>	<p>The mean peak plasma concentration following a 1 mg oral dose was 55 ng/mL (range, 40 - 70 ng/mL).</p> <p>The mean peak plasma concentration following a 2 mg oral dose was 98 ng/mL (range, 75 - 140 ng/mL).</p>
1452B	<p><b>Drug-Facilitated Sexual Assault Survey 2, Blood (Forensic)</b></p> <ul style="list-style-type: none"> <li>Oxazepam</li>   <li>Temazepam</li>   <li>Alprazolam</li>   <li>Midazolam</li>   <li>Triazolam</li> </ul>	<p>When used as a drug, the therapeutic plasma concentration: 200 -1400 ng/mL. Potentially toxic greater than 2000 ng/mL.</p> <p>As a metabolite of Diazepam, low concentrations may be observed. In one study, following chronic daily doses of about 70 mg of Diazepam, the steady-state serum concentrations were 50 - 400 ng Oxazepam/mL.</p> <p>When used as a drug, peak plasma concentrations range from 200 to 1100 ng/mL within 1.5 hours post-dose.</p> <p>As a metabolite of Diazepam, low concentrations may be observed. In one study, following chronic daily doses of about 70 mg of Diazepam, the steady-state serum concentrations were 100 - 600 ng Temazepam/mL.</p> <p>Therapeutic range: 10 - 100 ng/mL. Potentially toxic at greater than 100 ng/mL.</p> <p>Peak plasma levels following a single 12.5 mg IM dose: Approximately 200 ng/mL within 45 minutes of dose. Following a single 75 mcg/kg IV dose over 1 minute: 320 ng/mL at 0.25 hours 250 ng/mL at 0.5 hours 210 ng/mL at 1 hour 140 ng/mL at 2 hours 80 ng/mL at 4 hours 40 ng/mL at 6 hours 20 ng/mL at 8 hours.</p> <p>Following a single 0.25 mg oral dose, the mean plasma concentration: 3.0 ng/mL (range, 2.3 - 3.7 ng/mL) within 1.5 hours. Following a single 0.5 mg oral dose, the mean plasma concentration: 4.4 ng/mL (range, 1.7 - 9.4 ng/mL) within 4 hours.</p>

**REFERENCE COMMENT CHANGES**

Test Code	Test Name / Compound	New Reference Comment
	<ul style="list-style-type: none"> <li>• Hydroxyethylflurazepam</li> <li>• Desalkylflurazepam</li> <li>• Flurazepam</li> <li>• Estazolam</li> </ul>	<p>The mean peak plasma concentration following a 30 mg oral dose of Flurazepam was 18 ng Hydroxyethylflurazepam/mL at 1 hour post dose.</p> <p>The mean peak plasma concentration following a 30 mg oral dose of Flurazepam was 23 ng Desalkylflurazepam/mL at 12 hours post dose.</p> <p>The mean peak plasma concentration following a 30 mg oral dose was 2.1 ng/mL at 1 hour post dose, but was undetectable at subsequent times.</p> <p>The mean peak plasma concentration following a 1 mg oral dose was 55 ng/mL (range, 40 - 70 ng/mL).</p> <p>The mean peak plasma concentration following a 2 mg oral dose was 98 ng/mL (range, 75 - 140 ng/mL).</p>
9400B	<p><b>Drugs of Abuse - Medical Professionals, Blood (Forensic)</b></p> <ul style="list-style-type: none"> <li>• Oxazepam</li> <li>• Temazepam</li> <li>• Alprazolam</li> </ul>	<p>When used as a drug, the therapeutic plasma concentration: 200 -1400 ng/mL. Potentially toxic greater than 2000 ng/mL.</p> <p>As a metabolite of Diazepam, low concentrations may be observed. In one study, following chronic daily doses of about 70 mg of Diazepam, the steady-state serum concentrations were 50 - 400 ng Oxazepam/mL.</p> <p>When used as a drug, peak plasma concentrations range from 200 to 1100 ng/mL within 1.5 hours post-dose.</p> <p>As a metabolite of Diazepam, low concentrations may be observed. In one study, following chronic daily doses of about 70 mg of Diazepam, the steady-state serum concentrations were 100 - 600 ng Temazepam/mL.</p> <p>Therapeutic range: 10 - 100 ng/mL. Potentially toxic at greater than 100 ng/mL.</p>

**REFERENCE COMMENT CHANGES**

Test Code	Test Name / Compound	New Reference Comment
	<ul style="list-style-type: none"> <li>• Midazolam</li>   <li>• Triazolam</li>   <li>• Hydroxyethylflurazepam</li>   <li>• Desalkylflurazepam</li>   <li>• Flurazepam</li>   <li>• Estazolam</li> </ul>	<p>Peak plasma levels following a single 12.5 mg IM dose: Approximately 200 ng/mL within 45 minutes of dose. Following a single 75 mcg/kg IV dose over 1 minute:            320 ng/mL at 0.25 hours            250 ng/mL at 0.5 hours            210 ng/mL at 1 hour            140 ng/mL at 2 hours            80 ng/mL at 4 hours            40 ng/mL at 6 hours            20 ng/mL at 8 hours.</p> <p>Following a single 0.25 mg oral dose, the mean plasma concentration: 3.0 ng/mL (range, 2.3 - 3.7 ng/mL) within 1.5 hours.            Following a single 0.5 mg oral dose, the mean plasma concentration: 4.4 ng/mL (range, 1.7 - 9.4 ng/mL) within 4 hours.</p> <p>The mean peak plasma concentration following a 30 mg oral dose of Flurazepam was 18 ng Hydroxyethylflurazepam/mL at 1 hour post dose.</p> <p>The mean peak plasma concentration following a 30 mg oral dose of Flurazepam was 23 ng Desalkylflurazepam/mL at 12 hours post dose.</p> <p>The mean peak plasma concentration following a 30 mg oral dose was 2.1 ng/mL at 1 hour post dose, but was undetectable at subsequent times.</p> <p>The mean peak plasma concentration following a 1 mg oral dose was 55 ng/mL (range, 40 - 70 ng/mL).             The mean peak plasma concentration following a 2 mg oral dose was 98 ng/mL (range, 75 - 140 ng/mL).</p>

**REFERENCE COMMENT CHANGES**

Test Code	Test Name / Compound	New Reference Comment
9400SP	<p><b>Drugs of Abuse - Medical Professionals, Serum/Plasma (Forensic)</b></p> <ul style="list-style-type: none"> <li>• Oxazepam</li>   <li>• Temazepam</li>   <li>• Alprazolam</li>   <li>• Midazolam</li>   <li>• Triazolam</li>   <li>• Hydroxyethylflurazepam</li> </ul>	<p>When used as a drug, the therapeutic plasma concentration: 200 -1400 ng/mL. Potentially toxic greater than 2000 ng/mL.</p> <p>As a metabolite of Diazepam, low concentrations may be observed. In one study, following chronic daily doses of about 70 mg of Diazepam, the steady-state serum concentrations were 50 - 400 ng Oxazepam/mL.</p> <p>When used as a drug, peak plasma concentrations range from 200 to 1100 ng/mL within 1.5 hours post-dose.</p> <p>As a metabolite of Diazepam, low concentrations may be observed. In one study, following chronic daily doses of about 70 mg of Diazepam, the steady-state serum concentrations were 100 - 600 ng Temazepam/mL.</p> <p>Therapeutic range: 10 - 100 ng/mL. Potentially toxic at greater than 100 ng/mL.</p> <p>Peak plasma levels following a single 12.5 mg IM dose: Approximately 200 ng/mL within 45 minutes of dose. Following a single 75 mcg/kg IV dose over 1 minute: 320 ng/mL at 0.25 hours 250 ng/mL at 0.5 hours 210 ng/mL at 1 hour 140 ng/mL at 2 hours 80 ng/mL at 4 hours 40 ng/mL at 6 hours 20 ng/mL at 8 hours.</p> <p>Following a single 0.25 mg oral dose, the mean plasma concentration: 3.0 ng/mL (range, 2.3 - 3.7 ng/mL) within 1.5 hours. Following a single 0.5 mg oral dose, the mean plasma concentration: 4.4 ng/mL (range, 1.7 - 9.4 ng/mL) within 4 hours.</p> <p>The mean peak plasma concentration following a 30 mg oral dose of Flurazepam was 18 ng Hydroxyethylflurazepam/mL at 1 hour post dose.</p>

**REFERENCE COMMENT CHANGES**

Test Code	Test Name / Compound	New Reference Comment
	<ul style="list-style-type: none"> <li>• Desalkylflurazepam</li>   <li>• Flurazepam</li>   <li>• Estazolam</li> </ul>	<p>The mean peak plasma concentration following a 30 mg oral dose of Flurazepam was 23 ng Desalkylflurazepam/mL at 12 hours post dose.</p> <p>The mean peak plasma concentration following a 30 mg oral dose was 2.1 ng/mL at 1 hour post dose, but was undetectable at subsequent times.</p> <p>The mean peak plasma concentration following a 1 mg oral dose was 55 ng/mL (range, 40 - 70 ng/mL).</p> <p>The mean peak plasma concentration following a 2 mg oral dose was 98 ng/mL (range, 75 - 140 ng/mL).</p>
1958B	<b>Estazolam, Blood</b> <ul style="list-style-type: none"> <li>• Estazolam</li> </ul>	<p>The mean peak plasma concentration following a 1 mg oral dose was 55 ng/mL (range, 40 - 70 ng/mL).</p> <p>The mean peak plasma concentration following a 2 mg oral dose was 98 ng/mL (range, 75 - 140 ng/mL).</p>
1958SP	<b>Estazolam, Serum/Plasma</b> <ul style="list-style-type: none"> <li>• Estazolam</li> </ul>	<p>The mean peak plasma concentration following a 1 mg oral dose was 55 ng/mL (range, 40 - 70 ng/mL).</p> <p>The mean peak plasma concentration following a 2 mg oral dose was 98 ng/mL (range, 75 - 140 ng/mL).</p>
2120B	<b>Flurazepam and Metabolites, Blood</b> <ul style="list-style-type: none"> <li>• Hydroxyethylflurazepam</li>   <li>• Desalkylflurazepam</li>   <li>• Flurazepam</li> </ul>	<p>The mean peak plasma concentration following a 30 mg oral dose of Flurazepam was 18 ng Hydroxyethylflurazepam/mL at 1 hour post dose.</p> <p>The mean peak plasma concentration following a 30 mg oral dose of Flurazepam was 23 ng Desalkylflurazepam/mL at 12 hours post dose.</p> <p>The mean peak plasma concentration following a 30 mg oral dose was 2.1 ng/mL at 1 hour post dose, but was undetectable at subsequent times.</p>
2120SP	<b>Flurazepam and Metabolites, Serum/Plasma</b> <ul style="list-style-type: none"> <li>• Hydroxyethylflurazepam</li> </ul>	<p>The mean peak plasma concentration following a 30 mg oral dose of Flurazepam was 18 ng Hydroxyethylflurazepam/mL at 1 hour post dose.</p>

**REFERENCE COMMENT CHANGES**

Test Code	Test Name / Compound	New Reference Comment
	<ul style="list-style-type: none"> <li>• Desalkylflurazepam</li>   <li>• Flurazepam</li> </ul>	<p>The mean peak plasma concentration following a 30 mg oral dose of Flurazepam was 23 ng Desalkylflurazepam/mL at 12 hours post dose.</p> <p>The mean peak plasma concentration following a 30 mg oral dose was 2.1 ng/mL at 1 hour post dose, but was undetectable at subsequent times.</p>
5413B	<p><b>Flurazepam and Metabolites Confirmation, Blood</b></p> <ul style="list-style-type: none"> <li>• Hydroxyethylflurazepam</li>   <li>• Desalkylflurazepam</li>   <li>• Flurazepam</li> </ul>	<p>The mean peak plasma concentration following a 30 mg oral dose of Flurazepam was 18 ng Hydroxyethylflurazepam/mL at 1 hour post dose.</p> <p>The mean peak plasma concentration following a 30 mg oral dose of Flurazepam was 23 ng Desalkylflurazepam/mL at 12 hours post dose.</p> <p>The mean peak plasma concentration following a 30 mg oral dose was 2.1 ng/mL at 1 hour post dose, but was undetectable at subsequent times.</p>
5413SP	<p><b>Flurazepam and Metabolites Confirmation, Serum/Plasma</b></p> <ul style="list-style-type: none"> <li>• Hydroxyethylflurazepam</li>   <li>• Desalkylflurazepam</li>   <li>• Flurazepam</li> </ul>	<p>The mean peak plasma concentration following a 30 mg oral dose of Flurazepam was 18 ng Hydroxyethylflurazepam/mL at 1 hour post dose.</p> <p>The mean peak plasma concentration following a 30 mg oral dose of Flurazepam was 23 ng Desalkylflurazepam/mL at 12 hours post dose.</p> <p>The mean peak plasma concentration following a 30 mg oral dose was 2.1 ng/mL at 1 hour post dose, but was undetectable at subsequent times.</p>
3216B	<p><b>Nordiazepam and Metabolite, Blood</b></p> <ul style="list-style-type: none"> <li>• Oxazepam</li> </ul>	<p>When used as a drug, the therapeutic plasma concentration: 200 -1400 ng/mL. Potentially toxic greater than 2000 ng/mL.</p> <p>As a metabolite of Diazepam, low concentrations may be observed. In one study, following chronic daily doses of about 70 mg of Diazepam, the steady-state serum concentrations were 50 - 400 ng Oxazepam/mL.</p>

**REFERENCE COMMENT CHANGES**

Test Code	Test Name / Compound	New Reference Comment
3216SP	<b>Nordiazepam and Metabolite, Serum/Plasma</b> <ul style="list-style-type: none"> <li>• Oxazepam</li> </ul>	<p>When used as a drug, the therapeutic plasma concentration: 200 -1400 ng/mL. Potentially toxic greater than 2000 ng/mL.</p> <p>As a metabolite of Diazepam, low concentrations may be observed. In one study, following chronic daily doses of about 70 mg of Diazepam, the steady-state serum concentrations were 50 - 400 ng Oxazepam/mL.</p>
3260B	<b>Oxazepam, Blood</b> <ul style="list-style-type: none"> <li>• Oxazepam</li> </ul>	<p>When used as a drug, the therapeutic plasma concentration: 200 -1400 ng/mL. Potentially toxic greater than 2000 ng/mL.</p> <p>As a metabolite of Diazepam, low concentrations may be observed. In one study, following chronic daily doses of about 70 mg of Diazepam, the steady-state serum concentrations were 50 - 400 ng Oxazepam/mL.</p>
3260SP	<b>Oxazepam,, Serum/Plasma</b> <ul style="list-style-type: none"> <li>• Oxazepam</li> </ul>	<p>When used as a drug, the therapeutic plasma concentration: 200 -1400 ng/mL. Potentially toxic greater than 2000 ng/mL.</p> <p>As a metabolite of Diazepam, low concentrations may be observed. In one study, following chronic daily doses of about 70 mg of Diazepam, the steady-state serum concentrations were 50 - 400 ng Oxazepam/mL.</p>
8375B	<b>Oxazepam, Blood (Forensic)</b> <ul style="list-style-type: none"> <li>• Oxazepam</li> </ul>	<p>When used as a drug, the therapeutic plasma concentration: 200 -1400 ng/mL. Potentially toxic greater than 2000 ng/mL.</p> <p>As a metabolite of Diazepam, low concentrations may be observed. In one study, following chronic daily doses of about 70 mg of Diazepam, the steady-state serum concentrations were 50 - 400 ng Oxazepam/mL.</p>
4323B	<b>Temazepam and Metabolite, Blood</b> <ul style="list-style-type: none"> <li>• Oxazepam</li> </ul>	<p>When used as a drug, the therapeutic plasma concentration: 200 -1400 ng/mL. Potentially toxic greater than 2000 ng/mL.</p> <p>As a metabolite of Temazepam, low concentrations may be observed.</p>



## REFERENCE COMMENT CHANGES

Test Code	Test Name / Compound	New Reference Comment
	<ul style="list-style-type: none"> <li>Temazepam</li> </ul>	<p>When used as a drug, peak plasma concentrations range from 200 to 1100 ng/mL within 1.5 hours post-dose.</p> <p>As a metabolite of Diazepam, low concentrations may be observed. In one study, following chronic daily doses of about 70 mg of Diazepam, the steady-state serum concentrations were 100 - 600 ng Temazepam/mL.</p>
4543B	<b>Triazolam and Metabolite, Blood</b> <ul style="list-style-type: none"> <li>Triazolam</li> </ul>	<p>Following a single 0.25 mg oral dose, the mean plasma concentration: 3.0 ng/mL (range, 2.3 - 3.7 ng/mL) within 1.5 hours.</p> <p>Following a single 0.5 mg oral dose, the mean plasma concentration: 4.4 ng/mL (range, 1.7 - 9.4 ng/mL) within 4 hours.</p>
4543SP	<b>Triazolam and Metabolite, Serum/Plasma</b> <ul style="list-style-type: none"> <li>Triazolam</li> <li>Hydroxytriazolam</li> </ul>	<p>Following a single 0.25 mg oral dose, the mean plasma concentration: 3.0 ng/mL (range, 2.3 - 3.7 ng/mL) within 1.5 hours.</p> <p>Following a single 0.5 mg oral dose, the mean plasma concentration: 4.4 ng/mL (range, 1.7 - 9.4 ng/mL) within 4 hours.</p> <p>Hydroxytriazolam has 50 to 100% of the pharmacological activity of triazolam.</p>
8647B	<b>Triazolam and Metabolite, Blood</b> <ul style="list-style-type: none"> <li>Triazolam</li> </ul>	<p>Following a single 0.25 mg oral dose, the mean plasma concentration: 3.0 ng/mL (range, 2.3 - 3.7 ng/mL) within 1.5 hours.</p> <p>Following a single 0.5 mg oral dose, the mean plasma concentration: 4.4 ng/mL (range, 1.7 - 9.4 ng/mL) within 4 hours.</p>
8647SP	<b>Triazolam and Metabolite, Serum/Plasma</b> <ul style="list-style-type: none"> <li>Triazolam</li> </ul>	<p>Following a single 0.25 mg oral dose, the mean plasma concentration: 3.0 ng/mL (range, 2.3 - 3.7 ng/mL) within 1.5 hours.</p> <p>Following a single 0.5 mg oral dose, the mean plasma concentration: 4.4 ng/mL (range, 1.7 - 9.4 ng/mL) within 4 hours.</p>
5663B	<b>Triazolam and Metabolite Confirmation, Blood</b> <ul style="list-style-type: none"> <li>Triazolam</li> </ul>	<p>Following a single 0.25 mg oral dose, the mean plasma concentration: 3.0 ng/mL (range, 2.3 - 3.7 ng/mL) within 1.5 hours.</p> <p>Following a single 0.5 mg oral dose, the mean plasma concentration: 4.4 ng/mL (range, 1.7 - 9.4 ng/mL) within 4 hours.</p>

## REFERENCE COMMENT CHANGES

Test Code	Test Name / Compound	New Reference Comment
	<ul style="list-style-type: none"> <li>Hydroxytriazolam</li> </ul>	Hydroxytriazolam has 50 to 100% of the pharmacological activity of triazolam.
5663SP	<b>Triazolam and Metabolite Confirmation, Serum/Plasma</b> <ul style="list-style-type: none"> <li>Triazolam</li> </ul> <ul style="list-style-type: none"> <li>Hydroxytriazolam</li> </ul>	<p>Following a single 0.25 mg oral dose, the mean plasma concentration: 3.0 ng/mL (range, 2.3 - 3.7 ng/mL) within 1.5 hours.</p> <p>Following a single 0.5 mg oral dose, the mean plasma concentration: 4.4 ng/mL (range, 1.7 - 9.4 ng/mL) within 4 hours.</p> <p>Hydroxytriazolam has 50 to 100% of the pharmacological activity of triazolam.</p>
9285B	<b>Triazolam and Metabolite Screen, Blood</b> <ul style="list-style-type: none"> <li>Triazolam</li> </ul> <ul style="list-style-type: none"> <li>Hydroxytriazolam</li> </ul>	<p>Following a single 0.25 mg oral dose, the mean plasma concentration: 3.0 ng/mL (range, 2.3 - 3.7 ng/mL) within 1.5 hours.</p> <p>Following a single 0.5 mg oral dose, the mean plasma concentration: 4.4 ng/mL (range, 1.7 - 9.4 ng/mL) within 4 hours.</p> <p>Hydroxytriazolam has 50 to 100% of the pharmacological activity of triazolam.</p>
9285SP	<b>Triazolam and Metabolite Screen, Serum/Plasma</b> <ul style="list-style-type: none"> <li>Triazolam</li> </ul> <ul style="list-style-type: none"> <li>Hydroxytriazolam</li> </ul>	<p>Following a single 0.25 mg oral dose, the mean plasma concentration: 3.0 ng/mL (range, 2.3 - 3.7 ng/mL) within 1.5 hours.</p> <p>Following a single 0.5 mg oral dose, the mean plasma concentration: 4.4 ng/mL (range, 1.7 - 9.4 ng/mL) within 4 hours.</p> <p>Hydroxytriazolam has 50 to 100% of the pharmacological activity of triazolam.</p>