



March 19, 2009

UPDATED: June 5, 2009

In March, 2009, NMS Labs provided communication regarding important changes to our service menu **effective July 13, 2009**. This notice is to inform you of subsequent modifications to those requirements for select tests. Detailed below are the modifications to the July 13, 2009 database letter.

Type of Change	Explanation
New Tests	Tests recently added to the NMS Labs test menu.
Test Changes	Tests that have had changes to their method/CPT code, units of measurement, scope of analysis or specimen requirements. Updated: Norfentanyl was removed from 9176U and 9181U.
Discontinued Tests	Tests being discontinued with alternate testing suggestions.
Reference Comments	Tests that have had reference comment changes.

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 **July 13, 2009**.

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

Test Code	Test Name	New Test	Method/ CPT code	Units	Scope	Specimen Reqs	Discontinued	Reference Comment	Misc.
0210SP	Allobarbital, Serum/Plasma							.	
0320B	Amobarbital, Blood							.	
0320SP	Amobarbital, Serum/Plasma							.	
0320U	Amobarbital, Urine							.	
0405B	Anticonvulsants Panel, Blood							.	
0405SP	Anticonvulsants Panel, Serum/Plasma							.	
0405U	Anticonvulsants Panel, Urine							.	
0450SP	Aprobarbital, Serum/Plasma							.	
0450U	Aprobarbital, Urine							.	
0500B	Barbital, Blood							.	
0500SP	Barbital, Serum/Plasma							.	
0500U	Barbital, Urine							.	
0687SP	Bismuth, Serum/Plasma (CSA)						.		
0810B	Butabarbital, Blood							.	
0810SP	Butabarbital, Serum/Plasma							.	
0810U	Butabarbital, Urine							.	
0830B	Butalbital, Blood							.	
0830SP	Butalbital, Serum/Plasma							.	
0830U	Butalbital, Urine							.	
0976SP	Carbamazepine and Metabolite, Serum/Plasma (CSA)						.		
1019B	Carbital Profile, Blood							.	
1019SP	Carbital Profile, Serum/Plasma							.	
1019U	Carbital Profile, Urine							.	
1269SP	Clobazam, Serum/Plasma (CSA)						.		
1271SP	Clonazepam and Metabolite, Serum/Plasma (CSA)						.		
1491B	Desvenlafaxine, Blood	.							
1491FL	Desvenlafaxine, Fluid	.							
1491SP	Desvenlafaxine, Serum/Plasma	.							
1491TI	Desvenlafaxine, Tissue	.							
1491U	Desvenlafaxine, Urine	.							
1503SP	Diazepam and Metabolites, Serum/Plasma (CSA)						.		
1808B	Donnatal, Blood							.	
1808SP	Donnatal, Serum/Plasma							.	
1808U	Donnatal, Urine							.	
1955U	Esgic, Urine							.	
2002SP	Ethosuximide, Serum/Plasma (CSA)						.		
2070SP	Felbamate, Serum/Plasma (CSA)						.		
2075B	Fioricet, Blood							.	
2075SP	Fioricet, Serum/Plasma							.	
2075U	Fioricet, Urine							.	
2081U	Ethyl Glucuronide, Urine								.
2087B	Fiorinal, Blood							.	
2087SP	Fiorinal, Serum/Plasma							.	
2087U	Fiorinal, Urine							.	
2138SP	Fosphenytoin, Serum/Plasma (CSA)						.		
2145SP	Gabapentin, Serum/Plasma (CSA)						.		
2239U	Metals/Metalloids Panel, Urine (CSA)						.		
2298SP	Hexobarbital, Serum/Plasma							.	

NMS Labs

3701 Welsh Road, Willow Grove, PA 19090

800-522-6671

Database Changes - Summary

Test Code	Test Name	New Test	Method/ CPT code	Units	Scope	Specimen Reqs	Discontinued	Reference Comment	Misc.
2487SP	Lamotrigine, Serum/Plasma (CSA)						•		
2507SP	Levetiracetam, Serum/Plasma (CSA)						•		
2515SP	Lidocaine, Serum/Plasma (CSA)						•		
2584B	Methylenedioxyamphetamine, Blood				•				
2584SP	Methylenedioxyamphetamine, Serum/Plasma				•				
2584U	Methylenedioxyamphetamine, Urine				•				
2585B	Methylenedioxymethamphetamine and Metabolite, Blood				•				
2585FL	Methylenedioxymethamphetamine and Metabolite, Fluid				•				
2585SP	Methylenedioxymethamphetamine and Metabolite, Serum/Plasma				•				
2585TI	Methylenedioxymethamphetamine and Metabolite, Tissue				•				
2585U	Methylenedioxymethamphetamine and Metabolite, Urine				•				
2630B	Mephobarbital and Metabolite, Blood							•	
2630SP	Mephobarbital and Metabolite, Serum/Plasma							•	
2630U	Mephobarbital and Metabolite, Urine							•	
2860B	Metharbital and Metabolite, Blood							•	
2860SP	Metharbital and Metabolite, Serum/Plasma							•	
2860U	Metharbital and Metabolite, Urine							•	
2952SP	Methsuximide as Metabolite, Serum/Plasma (CSA)						•		
3058SP	Midazolam, Serum/Plasma (CSA)						•		
3067R	Minerals Panel 6, RBCs (CSA)						•		
3267SP	Oxcarbazepine as Metabolite, Serum/Plasma (CSA)						•		
3410B	Pentobarbital, Blood							•	
3410SP	Pentobarbital, Serum/Plasma							•	
3410U	Pentobarbital, Urine							•	
3580B	Phenobarbital, Blood							•	
3580SP	Phenobarbital, Serum/Plasma							•	
3580U	Phenobarbital, Urine							•	
3582SP	Phenobarbital - Free/Bound, Serum/Plasma							•	
3584SP	Phenobarbital, Serum/Plasma							•	
3747SP	Phenytoin, Free/Bound, Serum/Plasma (CSA)						•		
3797SP	Pregabalin, Serum/Plasma (CSA)						•		
3900B	Primidone, Phenobarbital and PEMA, Blood							•	
3900SP	Primidone, Phenobarbital and PEMA, Serum/Plasma							•	
3900U	Primidone, Phenobarbital and PEMA, Urine							•	
3902SP	Primidone and Metabolite, Serum/Plasma							•	
4170B	Secobarbital, Blood							•	

NMS Labs

3701 Welsh Road, Willow Grove, PA 19090

800-522-6671

Database Changes - Summary

Test Code	Test Name	New Test	Method/ CPT code	Units	Scope	Specimen Reqs	Discontinued	Reference Comment	Misc.
4170SP	Secobarbital, Serum/Plasma							.	
4170U	Secobarbital, Urine							.	
4340B	Tetrachloroethylene, Blood (CSA)						.		
4340FL	Tetrachloroethylene, Fluid (CSA)						.		
4340TI	Tetrachloroethylene, Tissue (CSA)						.		
4450B	Thiopental and Metabolite, Blood							.	
4450SP	Thiopental and Metabolite, Serum/Plasma							.	
4450U	Thiopental and Metabolite, Urine							.	
4477SP	Tiagabine, Serum/Plasma (CSA)						.		
4516FL	Toluene, Fluid (Study)						.		
4516TI	Toluene, Tissue (CSA)						.		
4517SP	Topiramate, Serum/Plasma (CSA)						.		
4645B	1,1,1-Trichloroethane, Blood (CSA)						.		
4645TI	1,1,1-Trichloroethane, Tissue (CSA)						.		
4667SP	Duloxetine, Serum (Study)						.		
4762SP	Valproic Acid - Free and Total, Serum/Plasma (CSA)						.		
4886SP	Zonisamide, Serum/Plasma (CSA)						.		
5220B	Amphetamines Quantitation/Confirmation, Blood (Forensic)				.				
5220FL	Amphetamines Quantitation/Confirmation, Fluid (Forensic)				.				
5220SP	Amphetamines Quantitation/Confirmation, Serum/Plasma (Forensic)				.				
5220TI	Amphetamines Quantitation/Confirmation, Tissue (Forensic)				.				
5220U	Amphetamines Quantitation/Confirmation, Urine (Forensic)				.				
5223U	Amphetamines Quantitation/Confirmation, Urine (Forensic)				.				
5423B	Heroin Metabolites Confirmation - Free (Unconjugated), Blood						.		
5423U	Heroin Metabolites Confirmation - Free (Unconjugated), Urine						.		
5447B	Amobarbital Confirmation, Blood							.	
5528SP	Heptabarbital Confirmation, Serum/Plasma							.	
5528U	Heptabarbital Confirmation, Urine							.	
5544B	Phenobarbital Confirmation, Blood							.	
5544SP	Phenobarbital Confirmation, Serum/Plasma							.	
5544U	Phenobarbital Confirmation, Urine							.	
5600B	Thiopental and Metabolite Confirmation, Blood							.	
5600SP	Thiopental and Metabolite Confirmation, Serum/Plasma							.	
5651B	Barbiturates Confirmation, Blood							.	
5651SP	Barbiturates Confirmation, Serum/Plasma							.	
5651U	Barbiturates Confirmation, Urine							.	
5684B	Amphetamines Confirmation, Blood				.				
5684FL	Amphetamines Confirmation, Fluid				.				

NMS Labs

3701 Welsh Road, Willow Grove, PA 19090

800-522-6671

Database Changes - Summary

Test Code	Test Name	New Test	Method/ CPT code	Units	Scope	Specimen Reqs	Discontinued	Reference Comment	Misc.
5684ME	Amphetamines Confirmation, Meconium				.				
5684SP	Amphetamines Confirmation, Serum/Plasma				.				
5684ST	Amphetamines Confirmation, Stool				.				
5684TI	Amphetamines Confirmation, Tissue				.				
5684U	Amphetamines Confirmation, Urine				.				
5696B	Methylenedioxymethamphetamine and Metabolite Confirmation, Blood				.				
5696FL	Methylenedioxymethamphetamine and Metabolite Confirmation, Fluid				.				
5696ME	Methylenedioxymethamphetamine and Metabolite Confirmation, Meconium				.				
5696SP	Methylenedioxymethamphetamine and Metabolite Confirmation, Serum/Plasma				.				
5696U	Methylenedioxymethamphetamine and Metabolite Confirmation, Urine				.				
5703ME	Amphetamines Confirmation, Meconium				.				
5903H	Amphetamines Confirmation, Hair (Forensic)				.				
5937U	Amphetamines Confirmation, Urine (CSA)				.				
6924H	Amphetamines, Hair				.				
6927H	Methylenedioxymethamphetamine and Metabolite, Hair (Forensic)				.				
8215B	Amphetamines Panel, Blood (Forensic)				.				
8215SP	Amphetamines Panel, Serum/Plasma (Forensic)				.				
8215TI	Amphetamines Panel, Tissue (Forensic)				.				
8215U	Amphetamines Panel, Urine (Forensic)				.				
8224B	Barbiturates Panel, Blood (Forensic)							.	
8224SP	Barbiturates Panel, Serum/Plasma (Forensic)							.	
8224U	Barbiturates Panel, Urine (Forensic)							.	
8359B	Methylenedioxyamphetamine, Blood (Forensic)				.				
8360B	Methylenedioxymethamphetamine and Metabolite, Blood (Forensic)				.				
8360SP	Methylenedioxymethamphetamine and Metabolite, Serum/Plasma (Forensic)				.	.			
8360U	Methylenedioxymethamphetamine and Metabolite, Urine (Forensic)				.	.			
8600B	Amphetamines Panel, Blood				.				
8600FL	Amphetamines Panel, Fluid				.				
8600ME	Amphetamines Panel, Meconium				.				
8600SP	Amphetamines Panel, Serum/Plasma				.				
8600TI	Amphetamines Panel, Tissue				.				
8600U	Amphetamines Panel, Urine				.				
8620B	Barbiturates Panel, Blood							.	
8620SP	Barbiturates Panel, Serum/Plasma							.	
8620U	Barbiturates Panel, Urine							.	
8622U	Amobarbital, Urine							.	

NMS Labs

3701 Welsh Road, Willow Grove, PA 19090

800-522-6671

Database Changes - Summary

Test Code	Test Name	New Test	Method/ CPT code	Units	Scope	Specimen Reqs	Discontinued	Reference Comment	Misc.
8623U	Aprobarbital, Urine							.	
8624SP	Barbiturates Panel, Serum/Plasma (CSA)						.		
8625SP	Butabarbital, Serum/Plasma							.	
8626B	Butalbital, Blood							.	
8626SP	Butalbital, Serum/Plasma							.	
8626U	Butalbital, Urine							.	
8632B	Pentobarbital, Blood							.	
8632SP	Pentobarbital, Serum/Plasma							.	
8632U	Pentobarbital, Urine							.	
8633B	Phenobarbital, Blood							.	
8633SP	Phenobarbital, Serum/Plasma							.	
8633U	Phenobarbital, Urine							.	
8634B	Secobarbital, Blood							.	
8634SP	Secobarbital, Serum/Plasma							.	
8634U	Secobarbital, Urine							.	
8636B	Thiopental and Metabolite, Blood							.	
8636SP	Thiopental and Metabolite, Serum/Plasma							.	
8636U	Thiopental and Metabolite, Urine							.	
8760B	Hallucinogens Profile, Blood (Forensic)			.	.				
8760SP	Hallucinogens Profile, Serum/Plasma (Forensic)			.	.				
8760U	Hallucinogens Profile, Urine (Forensic)				.				
9176U	Fentanyl Screen, Urine		.		.				.
9181U	Fentanyl Screen, Urine (CSA)		.		.				.
9183SP	Heptabarbital Screen, Serum/Plasma							.	
9183U	Heptabarbital Screen, Urine							.	
9293B	Methylenedioxymethamphetamine and Metabolite Screen, Blood				.	.			
9293FL	Methylenedioxymethamphetamine and Metabolite Screen, Fluid				.	.			
9293ME	Methylenedioxymethamphetamine and Metabolite Screen, Meconium				.				
9293SP	Methylenedioxymethamphetamine and Metabolite Screen, Serum/Plasma				.	.			
9293U	Methylenedioxymethamphetamine and Metabolite Screen, Urine				.				
9331SP	Benzodiazepines Panel, Serum/Plasma (CSA)						.		
9344B	Heroin Metabolites Screen, Blood						.		
9344U	Heroin Metabolites Screen, Urine						.		
9406B	Amobarbital Screen, Blood							.	
9416B	Phenobarbital Screen, Blood							.	
9416SP	Phenobarbital Screen, Serum/Plasma							.	
9416U	Phenobarbital Screen, Urine							.	
9419B	Thiopental and Metabolite Screen, Blood							.	
9419SP	Thiopental and Metabolite Screen, Serum/Plasma							.	

NMS Labs

3701 Welsh Road, Willow Grove, PA 19090

800-522-6671

Changes effective:
July 13, 2009

NMS Labs
3701 Welsh Road, Willow Grove, PA 19090
800-522-6671
nms@nmslabs.com



NEW TESTS

Test Code	Test Name	Reporting Limit	Units	Method / CPT Code
1491B	Desvenlafaxine, Blood			
	Scope of Analysis: Desvenlafaxine	20	ng/mL	LC-MS/MS (83789)
	Reference Comment: Mean peak plasma concentrations +/- S.D., obtained at approximately 7.5 hours after dosing, were reported as follows: 75 mg (sustained release) oral dose: 135 +/- 54 ng/mL 100 mg (sustained release) oral dose: 238 +/- 45 ng/mL 150 mg (sustained release) oral dose: 284 +/- 83 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: Not Required Special Handling: None Rejection Criteria: None			
	Stability: Room Temperature: 14 day(s) Refrigerated: 14 day(s) Frozen (-20 °C): 5 month(s)			
1491FL	Desvenlafaxine, Fluid			
	Scope of Analysis: Desvenlafaxine	10	ng/mL	LC-MS/MS (83789)
	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: Not Required Special Handling: None Rejection Criteria: None			
	Stability: Room Temperature: Undetermined Refrigerated: Undetermined Frozen (-20 °C): Undetermined			

Changes effective:
July 13, 2009

NMS Labs
3701 Welsh Road, Willow Grove, PA 19090
800-522-6671
nms@nmslabs.com



NEW TESTS

Test Code	Test Name	Reporting Limit	Units	Method / CPT Code
1491SP	Desvenlafaxine, Serum/Plasma			
	Scope of Analysis: Desvenlafaxine	10	ng/mL	LC-MS/MS (83789)
	Reference Comment: Mean peak plasma concentrations +/- S.D., obtained at approximately 7.5 hours after dosing, were reported as follows: 75 mg (sustained release) oral dose: 135 +/- 54 ng/mL 100 mg (sustained release) oral dose: 238 +/- 45 ng/mL 150 mg (sustained release) oral dose: 284 +/- 83 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: 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): 5 month(s)			
1491TI	Desvenlafaxine, Tissue			
	Scope of Analysis: Desvenlafaxine	50	ng/g	LC-MS/MS (80103, 83789)
	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: Not Required Special Handling: None Rejection Criteria: None			
	Stability: Room Temperature: Undetermined Refrigerated: Undetermined Frozen (-20 °C): Undetermined			

Changes effective:
July 13, 2009

NMS Labs
3701 Welsh Road, Willow Grove, PA 19090
800-522-6671
nms@nmslabs.com



NEW TESTS

Test Code	Test Name	Reporting Limit	Units	Method / CPT Code	
1491U	Desvenlafaxine, Urine				
	Scope of Analysis:	Desvenlafaxine	10	ng/mL	LC-MS/MS (83789)
	Reference Comment:	Approximately 45% of an oral dose of desvenlafaxine is excreted in the urine as unchanged drug after 72 hours.			
	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: Not Required Special Handling: None Rejection Criteria: None			
	Stability:	Room Temperature: 14 day(s) Refrigerated: 14 day(s) Frozen (-20 °C): 5 month(s)			

Changes effective:
July 13, 2009

NMS Labs
3701 Welsh Road, Willow Grove, PA 19090
800-522-6671
nms@nmslabs.com



TEST CHANGES

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

Test Code	Test Name	Units	Method / CPT Code
6924H	<p>Amphetamines, Hair</p> <p>Scope: Methamphetamine Amphetamine Benzphetamine Chlorphentermine Ephedrine / Pseudoephedrine Mephentermine MDA MDEA MDMA Phendimetrazine Phenmetrazine Phentermine Phenylpropanolamine / Norpseudoephedrine Hair Length</p> <p>Specimen Requirements: Specimen Requirements: 300 mg Hair Transport Temperature: Room Temperature Specimen Container: NMS Labs has no experimental or literature-based data regarding the choice of specific specimen collection containers for this test. Light Protection: Not Required Special Handling: Collect a pencil-thick segment of hair. Bundle, cut at roots, wrap with twist tie at root end. Rejection Criteria: None</p> <p>Stability: Room Temperature: Undetermined Refrigerated: Undetermined Frozen (-20 °C): Undetermined</p>	<p>ng/g ng/g ng/g ng/g ng/g ng/g ng/g ng/g ng/g ng/g ng/g ng/g ng/g</p>	<p>ELISA & GC/MS (80103, 82145)</p>
	<p>Summary of Changes: For Quality Improvement purposes the following changes were made. Methylendioxyamphetamine, Methylendioxyethylamphetamine and Methylendioxymethamphetamine were removed. MDA, MDEA and MDMA were added.</p>		

Changes effective:
July 13, 2009

NMS Labs
3701 Welsh Road, Willow Grove, PA 19090
800-522-6671
nms@nmslabs.com



TEST CHANGES

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

Test Code	Test Name	Units	Method / CPT Code
5684B	<p>Amphetamines Confirmation, Blood</p> <p>Scope: Ephedrine Methylephedrine Pseudoephedrine Phenylpropanolamine Norpseudoephedrine Amphetamine Phentermine Methamphetamine MDA MDMA MDEA Selegiline Phendimetrazine Phenmetrazine</p> <p>Specimen Requirements: Specimen Requirements: 3 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: Not Required Special Handling: None Rejection Criteria: Received Room Temperature.</p> <p>Stability: Room Temperature: 2 day(s) Refrigerated: 16 day(s) Frozen (-20 °C): 16 day(s)</p>	<p>ng/mL ng/mL ng/mL ng/mL ng/mL ng/mL ng/mL ng/mL ng/mL ng/mL ng/mL ng/mL ng/mL ng/mL</p>	<p>LC-MS/MS (82145)</p>
	<p>Summary of Changes: For Quality Improvement purposes the following changes were made. Methylenedioxyamphetamine, Methylenedioxyethylamphetamine and Methylenedioxymethamphetamine were removed. MDA, MDEA and MDMA were added.</p>		

Changes effective:
July 13, 2009

NMS Labs
3701 Welsh Road, Willow Grove, PA 19090
800-522-6671
nms@nmslabs.com



TEST CHANGES

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

Test Code	Test Name	Units	Method / CPT Code
5684FL	<p>Amphetamines Confirmation, Fluid</p> <p>Scope: Ephedrine Methylephedrine Pseudoephedrine Phenylpropanolamine Norpseudoephedrine Amphetamine Phentermine Methamphetamine MDA MDMA MDEA Selegiline Phendimetrazine Phenmetrazine</p> <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: Not Required Special Handling: None Rejection Criteria: None</p> <p>Stability: Room Temperature: Undetermined Refrigerated: Undetermined Frozen (-20 °C): Undetermined</p>	<p>ng/mL ng/mL ng/mL ng/mL ng/mL ng/mL ng/mL ng/mL ng/mL ng/mL ng/mL ng/mL ng/mL ng/mL</p>	<p>LC-MS/MS (82145)</p>
	<p>Summary of Changes: For Quality Improvement purposes the following changes were made. Methylenedioxyamphetamine, Methylenedioxyethylamphetamine and Methylenedioxymethamphetamine were removed. MDA, MDEA and MDMA were added.</p>		

Changes effective:
July 13, 2009

NMS Labs
3701 Welsh Road, Willow Grove, PA 19090
800-522-6671
nms@nmslabs.com



TEST CHANGES

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

Test Code	Test Name	Units	Method / CPT Code
5684ME	<p>Amphetamines Confirmation, Meconium</p> <p>Scope: Ephedrine Methylephedrine Pseudoephedrine Phenylpropanolamine Norpseudoephedrine Amphetamine Phentermine Methamphetamine MDA MDMA MDEA Selegiline Phendimetrazine Phenmetrazine</p> <p>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: Not Required Special Handling: None Rejection Criteria: Received Room Temperature.</p> <p>Stability: Room Temperature: 2 day(s) Refrigerated: 16 day(s) Frozen (-20 °C): 16 day(s)</p>	<p>ng/g ng/g ng/g ng/g ng/g ng/g ng/g ng/g ng/g ng/g ng/g ng/g ng/g ng/g ng/g</p>	<p>LC-MS/MS (80103, 80102)</p>
	<p>Summary of Changes: For Quality Improvement purposes the following changes were made. Methylenedioxyamphetamine, Methylenedioxyethylamphetamine and Methylenedioxymethamphetamine were removed. MDA, MDEA and MDMA were added.</p>		

Changes effective:
July 13, 2009

NMS Labs
3701 Welsh Road, Willow Grove, PA 19090
800-522-6671
nms@nmslabs.com



TEST CHANGES

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

Test Code	Test Name	Units	Method / CPT Code
5684SP	<p>Amphetamines Confirmation, Serum/Plasma</p> <p>Scope: Ephedrine Methylephedrine Pseudoephedrine Phenylpropanolamine Norpseudoephedrine Amphetamine Phentermine Methamphetamine MDA MDMA MDEA Selegiline Phendimetrazine Phenmetrazine</p> <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: Not Required Special Handling: Promptly centrifuge and separate Serum or Plasma into a plastic screw capped vial using approved guidelines. Rejection Criteria: Received Room Temperature. Polymer gel separation tube (SST or PST).</p> <p>Stability: Room Temperature: 2 day(s) Refrigerated: 16 day(s) Frozen (-20 °C): 16 day(s)</p>	<p>ng/mL ng/mL ng/mL ng/mL ng/mL ng/mL ng/mL ng/mL ng/mL ng/mL ng/mL ng/mL ng/mL</p>	<p>LC-MS/MS (82145)</p>
	<p>Summary of Changes: For Quality Improvement purposes the following changes were made. Methylenedioxyamphetamine, Methylenedioxyethylamphetamine and Methylenedioxymethamphetamine were removed. MDA, MDEA and MDMA were added.</p>		

Changes effective:
July 13, 2009

NMS Labs
3701 Welsh Road, Willow Grove, PA 19090
800-522-6671
nms@nmslabs.com



TEST CHANGES

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

Test Code	Test Name	Units	Method / CPT Code
5684ST	<p>Amphetamines Confirmation, Stool</p> <p>Scope: Ephedrine Methylephedrine Pseudoephedrine Phenylpropanolamine Norpseudoephedrine Amphetamine Phentermine Methamphetamine MDA MDMA MDEA Selegiline Phendimetrazine Phenmetrazine</p> <p>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: Not Required Special Handling: None Rejection Criteria: None</p> <p>Stability: Room Temperature: Undetermined Refrigerated: Undetermined Frozen (-20 °C): Undetermined</p>	<p>ng/g ng/g ng/g ng/g ng/g ng/g ng/g ng/g ng/g ng/g ng/g ng/g ng/g ng/g</p>	<p>LC-MS/MS (80103, 82145)</p>
	<p>Summary of Changes: For Quality Improvement purposes the following changes were made. Methylenedioxyamphetamine, Methylenedioxyethylamphetamine and Methylenedioxymethamphetamine were removed. MDA, MDEA and MDMA were added.</p>		

Changes effective:
July 13, 2009

NMS Labs
3701 Welsh Road, Willow Grove, PA 19090
800-522-6671
nms@nmslabs.com



TEST CHANGES

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

Test Code	Test Name	Units	Method / CPT Code
5684TI	<p>Amphetamines Confirmation, Tissue</p> <p>Scope: Ephedrine Methylephedrine Pseudoephedrine Phenylpropanolamine Norpseudoephedrine Amphetamine Phentermine Methamphetamine MDA MDMA MDEA Selegiline Phendimetrazine Phenmetrazine</p> <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: Not Required Special Handling: None Rejection Criteria: None</p> <p>Stability: Room Temperature: Undetermined Refrigerated: Undetermined Frozen (-20 °C): Undetermined</p>	<p>ng/g ng/g ng/g ng/g ng/g ng/g ng/g ng/g ng/g ng/g ng/g ng/g ng/g ng/g</p>	<p>LC-MS/MS (80103, 82145)</p>
	<p>Summary of Changes: For Quality Improvement purposes the following changes were made. Methylenedioxyamphetamine, Methylenedioxyethylamphetamine and Methylenedioxymethamphetamine were removed. MDA, MDEA and MDMA were added.</p>		

Changes effective:
July 13, 2009

NMS Labs
3701 Welsh Road, Willow Grove, PA 19090
800-522-6671
nms@nmslabs.com



TEST CHANGES

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

Test Code	Test Name	Units	Method / CPT Code
5684U	<p>Amphetamines Confirmation, Urine</p> <p>Scope: Ephedrine Methylephedrine Pseudoephedrine Phenylpropanolamine Norpseudoephedrine Amphetamine Phentermine Methamphetamine MDA MDMA MDEA Selegiline Phendimetrazine Phenmetrazine</p> <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: Not Required Special Handling: None Rejection Criteria: Received Room Temperature.</p> <p>Stability: Room Temperature: 2 day(s) Refrigerated: 16 day(s) Frozen (-20 °C): 16 day(s)</p>	<p>ng/mL ng/mL ng/mL ng/mL ng/mL ng/mL ng/mL ng/mL ng/mL ng/mL ng/mL ng/mL ng/mL ng/mL</p>	<p>LC-MS/MS (82145)</p>
	<p>Summary of Changes: For Quality Improvement purposes the following changes were made. Methylenedioxyamphetamine, Methylenedioxyethylamphetamine and Methylenedioxymethamphetamine were removed. MDA, MDEA and MDMA were added.</p>		

Changes effective:
July 13, 2009

NMS Labs
3701 Welsh Road, Willow Grove, PA 19090
800-522-6671
nms@nmslabs.com



TEST CHANGES

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

Test Code	Test Name	Units	Method / CPT Code
5703ME	<p>Amphetamines Confirmation, Meconium</p> <p>Scope: Ephedrine Methylephedrine Pseudoephedrine Phenylpropanolamine Norpseudoephedrine Amphetamine Phentermine Methamphetamine MDA MDMA MDEA Selegiline Phendimetrazine Phenmetrazine</p> <p>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: Not Required Special Handling: None Rejection Criteria: Received Room Temperature.</p> <p>Stability: Room Temperature: 2 day(s) Refrigerated: 16 day(s) Frozen (-20 °C): 16 day(s)</p>	<p>ng/g ng/g ng/g ng/g ng/g ng/g ng/g ng/g ng/g ng/g ng/g ng/g ng/g ng/g ng/g</p>	<p>LC-MS/MS (80103, 80102)</p>
	<p>Summary of Changes: For Quality Improvement purposes the following changes were made. Methylenedioxyamphetamine, Methylenedioxyethylamphetamine and Methylenedioxymethamphetamine were removed. MDA, MDEA and MDMA were added.</p>		

Changes effective:
July 13, 2009

NMS Labs
3701 Welsh Road, Willow Grove, PA 19090
800-522-6671
nms@nmslabs.com



TEST CHANGES

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

Test Code	Test Name	Units	Method / CPT Code
5937U	<p>Amphetamines Confirmation, Urine (CSA)</p> <p>Scope: Ephedrine Methylephedrine Pseudoephedrine Phenylpropanolamine Norpseudoephedrine Amphetamine Phentermine Methamphetamine MDA MDMA MDEA Selegiline Phendimetrazine Phenmetrazine</p> <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: Not Required Special Handling: None Rejection Criteria: Received Room Temperature.</p> <p>Stability: Room Temperature: 2 day(s) Refrigerated: 16 day(s) Frozen (-20 °C): 16 day(s)</p>	<p>ng/mL ng/mL ng/mL ng/mL ng/mL ng/mL ng/mL ng/mL ng/mL ng/mL ng/mL ng/mL ng/mL ng/mL</p>	<p>LC-MS/MS (82145)</p>
	<p>Summary of Changes: For Quality Improvement purposes the following changes were made. Methylenedioxyamphetamine, Methylenedioxyethylamphetamine and Methylenedioxymethamphetamine were removed. MDA, MDEA and MDMA were added.</p>		

Changes effective:
July 13, 2009

NMS Labs
3701 Welsh Road, Willow Grove, PA 19090
800-522-6671
nms@nmslabs.com



TEST CHANGES

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

Test Code	Test Name	Units	Method / CPT Code
5903H	Amphetamines Confirmation, Hair		
	Scope:		
	Methamphetamine	ng/g	
	Amphetamine	ng/g	
	Benzphetamine	ng/g	
	Chlorphentermine	ng/g	
	Ephedrine / Pseudoephedrine	ng/g	
	Mephentermine	ng/g	
	MDA	ng/g	GC & GC/MS (80103, 82145)
	MDEA	ng/g	
	MDMA	ng/g	
	Phendimetrazine	ng/g	
	Phenmetrazine	ng/g	
	Phentermine	ng/g	
	Phenylpropanolamine / Norpseudoephedrine	ng/g	
Specimen Requirements:	Specimen Requirements: 300 mg Hair		
	Transport Temperature: Room Temperature		
	Specimen Container: NMS Labs has no experimental or literature-based data regarding the choice of specific specimen collection containers for this test.		
	Light Protection: Not Required		
	Special Handling: Collect a pencil-thick segment of hair. Bundle, cut at roots, wrap with twist tie at root end.		
	Rejection Criteria: None		
Stability:	Room Temperature: Undetermined		
	Refrigerated: Undetermined		
	Frozen (-20 °C): Undetermined		
Summary of Changes:	For Quality Improvement purposes the following changes were made. Methylenedioxyamphetamine, Methylenedioxyethylamphetamine and Methylenedioxymethamphetamine were removed. MDA, MDEA and MDMA were added.		

Changes effective:
July 13, 2009

NMS Labs
3701 Welsh Road, Willow Grove, PA 19090
800-522-6671
nms@nmslabs.com



TEST CHANGES

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

Test Code	Test Name	Units	Method / CPT Code
8600B	<p>Amphetamines Panel, Blood</p> <p>Scope: Ephedrine Methylephedrine Pseudoephedrine Phenylpropanolamine Norpseudoephedrine Amphetamine Phentermine Methamphetamine MDA MDMA MDEA Selegiline Phendimetrazine Phenmetrazine</p> <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: Not Required Special Handling: None Rejection Criteria: Received Room Temperature.</p> <p>Stability: Room Temperature: 2 day(s) Refrigerated: 16 day(s) Frozen (-20 °C): 16 day(s)</p>	<p>ng/mL ng/mL ng/mL ng/mL ng/mL ng/mL ng/mL ng/mL ng/mL ng/mL ng/mL ng/mL ng/mL ng/mL</p>	<p>LC-MS/MS (82145)</p>
	<p>Summary of Changes: For Quality Improvement purposes the following changes were made. Methylenedioxyamphetamine, Methylenedioxyethylamphetamine and Methylenedioxymethamphetamine were removed. MDA, MDEA and MDMA were added.</p>		

Changes effective:
July 13, 2009

NMS Labs
3701 Welsh Road, Willow Grove, PA 19090
800-522-6671
nms@nmslabs.com



TEST CHANGES

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

Test Code	Test Name	Units	Method / CPT Code
8600FL	<p>Amphetamines Panel, Fluid</p> <p>Scope: Ephedrine Methylephedrine Pseudoephedrine Phenylpropanolamine Norpseudoephedrine Amphetamine Phentermine Methamphetamine MDA MDMA MDEA Selegiline Phendimetrazine Phenmetrazine</p> <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: Not Required Special Handling: None Rejection Criteria: None</p> <p>Stability: Room Temperature: Undetermined Refrigerated: Undetermined Frozen (-20 °C): Undetermined</p>	<p>ng/mL ng/mL ng/mL ng/mL ng/mL ng/mL ng/mL ng/mL ng/mL ng/mL ng/mL ng/mL ng/mL ng/mL</p>	<p>LC-MS/MS (82145)</p>
	<p>Summary of Changes: For Quality Improvement purposes the following changes were made. Methylenedioxyamphetamine, Methylenedioxyethylamphetamine and Methylenedioxymethamphetamine were removed. MDA, MDEA and MDMA were added.</p>		

Changes effective:
July 13, 2009

NMS Labs
3701 Welsh Road, Willow Grove, PA 19090
800-522-6671
nms@nmslabs.com



TEST CHANGES

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

Test Code	Test Name	Units	Method / CPT Code
8600ME	<p>Amphetamines Panel, Meconium</p> <p>Scope: Ephedrine Methylephedrine Pseudoephedrine Phenylpropanolamine Norpseudoephedrine Amphetamine Phentermine Methamphetamine MDA MDMA MDEA Selegiline Phendimetrazine Phenmetrazine</p> <p>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: Not Required Special Handling: None Rejection Criteria: Received Room Temperature.</p> <p>Stability: Room Temperature: 2 day(s) Refrigerated: 16 day(s) Frozen (-20 °C): 16 day(s)</p>	<p>ng/g ng/g ng/g ng/g ng/g ng/g ng/g ng/g ng/g ng/g ng/g ng/g ng/g ng/g ng/g</p>	<p>LC-MS/MS (80103, 80100)</p>
	<p>Summary of Changes: For Quality Improvement purposes the following changes were made. Methylenedioxyamphetamine, Methylenedioxyethylamphetamine and Methylenedioxymethamphetamine were removed. MDA, MDEA and MDMA were added.</p>		

Changes effective:
July 13, 2009

NMS Labs
3701 Welsh Road, Willow Grove, PA 19090
800-522-6671
nms@nmslabs.com



TEST CHANGES

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

Test Code	Test Name	Units	Method / CPT Code
8600SP	<p>Amphetamines Panel, Serum/Plasma</p> <p>Scope: Ephedrine Methylephedrine Pseudoephedrine Phenylpropanolamine Norpseudoephedrine Amphetamine Phentermine Methamphetamine MDA MDMA MDEA Selegiline Phendimetrazine Phenmetrazine</p> <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: Not Required Special Handling: Promptly centrifuge and separate Serum or Plasma into a plastic screw capped vial using approved guidelines. Rejection Criteria: Received Room Temperature. Polymer gel separation tube (SST or PST).</p> <p>Stability: Room Temperature: 2 day(s) Refrigerated: 16 day(s) Frozen (-20 °C): 16 day(s)</p>	<p>ng/mL ng/mL ng/mL ng/mL ng/mL ng/mL ng/mL ng/mL ng/mL ng/mL ng/mL ng/mL ng/mL</p>	<p>LC-MS/MS (82145)</p>
	<p>Summary of Changes: For Quality Improvement purposes the following changes were made. Methylenedioxyamphetamine, Methylenedioxyethylamphetamine and Methylenedioxymethamphetamine were removed. MDA, MDEA and MDMA were added.</p>		

Changes effective:
July 13, 2009

NMS Labs
3701 Welsh Road, Willow Grove, PA 19090
800-522-6671
nms@nmslabs.com



TEST CHANGES

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

Test Code	Test Name	Units	Method / CPT Code
8215B	Amphetamines Panel, Blood (Forensic)		
	Scope: Amphetamines	ng/mL	ELISA (80101)
	Ephedrine	ng/mL	
	Methylephedrine	ng/mL	
	Pseudoephedrine	ng/mL	
	Phenylpropanolamine	ng/mL	
	Norpseudoephedrine	ng/mL	
	Amphetamine	ng/mL	
	Phentermine	ng/mL	LC-MS/MS (82145)
	Methamphetamine	ng/mL	
	MDA	ng/mL	
	MDMA	ng/mL	
	MDEA	ng/mL	
	Selegiline	ng/mL	
	Phendimetrazine	ng/mL	
Phenmetrazine	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: Not Required Special Handling: None Rejection Criteria: Received Room Temperature.		
Stability:	Room Temperature: 2 day(s) Refrigerated: 14 day(s) Frozen (-20 °C): 16 day(s)		
Summary of Changes:	For Quality Improvement purposes the following changes were made. Methylenedioxyamphetamine, Methylenedioxyethylamphetamine and Methylenedioxymethamphetamine were removed. MDA, MDEA and MDMA were added.		

Changes effective:
July 13, 2009

NMS Labs
3701 Welsh Road, Willow Grove, PA 19090
800-522-6671
nms@nmslabs.com



TEST CHANGES

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

Test Code	Test Name	Units	Method / CPT Code
8215SP	<p>Amphetamines Panel, Serum/Plasma (Forensic)</p> <p>Scope: Amphetamines</p> <p>Ephedrine</p> <p>Methylephedrine</p> <p>Pseudoephedrine</p> <p>Phenylpropanolamine</p> <p>Norpseudoephedrine</p> <p>Amphetamine</p> <p>Phentermine</p> <p>Methamphetamine</p> <p>MDA</p> <p>MDMA</p> <p>MDEA</p> <p>Selegiline</p> <p>Phendimetrazine</p> <p>Phenmetrazine</p> <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: Not Required Special Handling: Promptly centrifuge and separate Serum or Plasma into a plastic screw capped vial using approved guidelines. Rejection Criteria: Received Room Temperature. Polymer gel separation tube (SST or PST).</p> <p>Stability: Room Temperature: 2 day(s) Refrigerated: 14 day(s) Frozen (-20 °C): 16 day(s)</p>	<p>ng/mL</p> <p>ng/mL</p> <p>ng/mL</p> <p>ng/mL</p> <p>ng/mL</p> <p>ng/mL</p> <p>ng/mL</p> <p>ng/mL</p> <p>ng/mL</p> <p>ng/mL</p> <p>ng/mL</p> <p>ng/mL</p> <p>ng/mL</p> <p>ng/mL</p> <p>ng/mL</p>	<p>ELISA (80101)</p> <p>LC-MS/MS (82145)</p>
	<p>Summary of Changes: For Quality Improvement purposes the following changes were made. Methylenedioxyamphetamine, Methylenedioxyethylamphetamine and Methylenedioxymethamphetamine were removed. MDA, MDEA and MDMA were added.</p>		

Changes effective:
July 13, 2009

NMS Labs
3701 Welsh Road, Willow Grove, PA 19090
800-522-6671
nms@nmslabs.com



TEST CHANGES

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

Test Code	Test Name	Units	Method / CPT Code
8215TI	<p>Amphetamines Panel, Tissue (Forensic)</p> <p>Scope: Amphetamines</p> <p>Ephedrine</p> <p>Methylephedrine</p> <p>Pseudoephedrine</p> <p>Phenylpropanolamine</p> <p>Norpseudoephedrine</p> <p>Amphetamine</p> <p>Phentermine</p> <p>Methamphetamine</p> <p>MDA</p> <p>MDMA</p> <p>MDEA</p> <p>Selegiline</p> <p>Phendimetrazine</p> <p>Phenmetrazine</p> <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: Not Required Special Handling: None Rejection Criteria: None</p> <p>Stability: Room Temperature: Undetermined Refrigerated: Undetermined Frozen (-20 °C): Undetermined</p>	<p>ng/g</p> <p>ng/g</p> <p>ng/g</p> <p>ng/g</p> <p>ng/g</p> <p>ng/g</p> <p>ng/g</p> <p>ng/g</p> <p>ng/g</p> <p>ng/g</p> <p>ng/g</p> <p>ng/g</p> <p>ng/g</p> <p>ng/g</p> <p>ng/g</p> <p>ng/g</p>	<p>ELISA (80103, 80101)</p> <p>LC-MS/MS (80103, 82145)</p>
	<p>Summary of Changes: For Quality Improvement purposes the following changes were made. Methylenedioxyamphetamine, Methylenedioxyethylamphetamine and Methylenedioxymethamphetamine were removed. MDA, MDEA and MDMA were added.</p>		

Changes effective:
July 13, 2009

NMS Labs
3701 Welsh Road, Willow Grove, PA 19090
800-522-6671
nms@nmslabs.com



TEST CHANGES

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

Test Code	Test Name	Units	Method / CPT Code
8215U	<p>Amphetamines Panel, Urine (Forensic)</p> <p>Scope: Amphetamines</p> <p>Ephedrine</p> <p>Methylephedrine</p> <p>Pseudoephedrine</p> <p>Phenylpropanolamine</p> <p>Norpseudoephedrine</p> <p>Amphetamine</p> <p>Phentermine</p> <p>Methamphetamine</p> <p>MDA</p> <p>MDMA</p> <p>MDEA</p> <p>Selegiline</p> <p>Phendimetrazine</p> <p>Phenmetrazine</p> <p>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: Not Required Special Handling: None Rejection Criteria: Received Room Temperature.</p> <p>Stability: Room Temperature: 2 day(s) Refrigerated: 14 day(s) Frozen (-20 °C): 16 day(s)</p>	<p>ng/mL</p> <p>ng/mL</p> <p>ng/mL</p> <p>ng/mL</p> <p>ng/mL</p> <p>ng/mL</p> <p>ng/mL</p> <p>ng/mL</p> <p>ng/mL</p> <p>ng/mL</p> <p>ng/mL</p> <p>ng/mL</p> <p>ng/mL</p> <p>ng/mL</p> <p>ng/mL</p>	<p>EIA (80101)</p> <p>LC-MS/MS (82145)</p>
Summary of Changes:	<p>For Quality Improvement purposes the following changes were made. Methylenedioxyamphetamine, Methylenedioxyethylamphetamine and Methylenedioxymethamphetamine were removed. MDA, MDEA and MDMA were added.</p>		

Changes effective:
July 13, 2009

NMS Labs
3701 Welsh Road, Willow Grove, PA 19090
800-522-6671
nms@nmslabs.com



TEST CHANGES

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

Test Code	Test Name	Units	Method / CPT Code
5220B	Amphetamines Quantitation/Confirmation, Blood (Forensic)		
	Scope: Ephedrine	ng/mL	
	Methylephedrine	ng/mL	
	Pseudoephedrine	ng/mL	
	Phenylpropanolamine	ng/mL	
	Norpseudoephedrine	ng/mL	
	Amphetamine	ng/mL	
	Phentermine	ng/mL	LC-MS/MS (82145)
	Methamphetamine	ng/mL	
	MDA	ng/mL	
	MDMA	ng/mL	
	MDEA	ng/mL	
	Selegiline	ng/mL	
	Phendimetrazine	ng/mL	
	Phenmetrazine	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: Not Required		
	Special Handling: None		
	Rejection Criteria: Received Room Temperature.		
Stability:	Room Temperature: 2 day(s)		
	Refrigerated: 16 day(s)		
	Frozen (-20 °C): 16 day(s)		
Summary of Changes:	For Quality Improvement purposes the following changes were made. Methylenedioxyamphetamine, Methylenedioxyethylamphetamine and Methylenedioxymethamphetamine were removed. MDA, MDEA and MDMA were added.		

Changes effective:
July 13, 2009

NMS Labs
3701 Welsh Road, Willow Grove, PA 19090
800-522-6671
nms@nmslabs.com



TEST CHANGES

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

Test Code	Test Name	Units	Method / CPT Code
5220FL	Amphetamines Quantitation/Confirmation, Fluid (Forensic)		
	Scope: Ephedrine	ng/mL	
	Methylephedrine	ng/mL	
	Pseudoephedrine	ng/mL	
	Phenylpropanolamine	ng/mL	
	Norpseudoephedrine	ng/mL	
	Amphetamine	ng/mL	
	Phentermine	ng/mL	LC-MS/MS (82145)
	Methamphetamine	ng/mL	
	MDA	ng/mL	
	MDMA	ng/mL	
	MDEA	ng/mL	
	Selegiline	ng/mL	
	Phendimetrazine	ng/mL	
	Phenmetrazine	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: Not Required		
	Special Handling: None		
	Rejection Criteria: None		
Stability:	Room Temperature: Undetermined		
	Refrigerated: Undetermined		
	Frozen (-20 °C): Undetermined		
Summary of Changes:	For Quality Improvement purposes the following changes were made. Methylenedioxyamphetamine, Methylenedioxyethylamphetamine and Methylenedioxymethamphetamine were removed. MDA, MDEA and MDMA were added.		

Changes effective:
July 13, 2009

NMS Labs
3701 Welsh Road, Willow Grove, PA 19090
800-522-6671
nms@nmslabs.com



TEST CHANGES

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

Test Code	Test Name	Units	Method / CPT Code
5220SP	<p>Amphetamines Quantitation/Confirmation, Serum/Plasma (Forensic)</p> <p>Scope: Ephedrine Methylephedrine Pseudoephedrine Phenylpropanolamine Norpseudoephedrine Amphetamine Phentermine Methamphetamine MDA MDMA MDEA Selegiline Phendimetrazine Phenmetrazine</p> <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: Not Required Special Handling: Promptly centrifuge and separate Serum or Plasma into a plastic screw capped vial using approved guidelines. Rejection Criteria: Received Room Temperature. Polymer gel separation tube (SST or PST).</p> <p>Stability: Room Temperature: 2 day(s) Refrigerated: 16 day(s) Frozen (-20 °C): 16 day(s)</p>	<p>ng/mL ng/mL ng/mL ng/mL ng/mL ng/mL ng/mL ng/mL ng/mL ng/mL ng/mL ng/mL ng/mL ng/mL</p>	<p>LC-MS/MS (82145)</p>
	<p>Summary of Changes: For Quality Improvement purposes the following changes were made. Methylenedioxyamphetamine, Methylenedioxyethylamphetamine and Methylenedioxymethamphetamine were removed. MDA, MDEA and MDMA were added.</p>		

Changes effective:
July 13, 2009

NMS Labs
3701 Welsh Road, Willow Grove, PA 19090
800-522-6671
nms@nmslabs.com



TEST CHANGES

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

Test Code	Test Name	Units	Method / CPT Code
5220U	<p>Amphetamines Quantitation/Confirmation, Urine (Forensic)</p> <p>Scope: Ephedrine Methylephedrine Pseudoephedrine Phenylpropanolamine Norpseudoephedrine Amphetamine Phentermine Methamphetamine MDA MDMA MDEA Selegiline Phendimetrazine Phenmetrazine</p> <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: Not Required Special Handling: None Rejection Criteria: Received Room Temperature.</p> <p>Stability: Room Temperature: 2 day(s) Refrigerated: 16 day(s) Frozen (-20 °C): 16 day(s)</p>	<p>ng/mL ng/mL ng/mL ng/mL ng/mL ng/mL ng/mL ng/mL ng/mL ng/mL ng/mL ng/mL ng/mL ng/mL</p>	<p>LC-MS/MS (82145)</p>
	<p>Summary of Changes: For Quality Improvement purposes the following changes were made. Methylenedioxyamphetamine, Methylenedioxyethylamphetamine and Methylenedioxymethamphetamine were removed. MDA, MDEA and MDMA were added.</p>		

Changes effective:
July 13, 2009

NMS Labs
3701 Welsh Road, Willow Grove, PA 19090
800-522-6671
nms@nmslabs.com



TEST CHANGES

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

Test Code	Test Name	Units	Method / CPT Code
5223U	Amphetamines Quantitation/Confirmation, Urine (Forensic)		
	Scope: Ephedrine	ng/mL	
	Methylephedrine	ng/mL	
	Pseudoephedrine	ng/mL	
	Phenylpropanolamine	ng/mL	
	Norpseudoephedrine	ng/mL	
	Amphetamine	ng/mL	
	Phentermine	ng/mL	LC-MS/MS (82145)
	Methamphetamine	ng/mL	
	MDA	ng/mL	
	MDMA	ng/mL	
	MDEA	ng/mL	
	Selegiline	ng/mL	
	Phendimetrazine	ng/mL	
	Phenmetrazine	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: Not Required		
	Special Handling: None		
	Rejection Criteria: Received Room Temperature.		
Stability:	Room Temperature: 2 day(s)		
	Refrigerated: 16 day(s)		
	Frozen (-20 °C): 16 day(s)		
Summary of Changes:	For Quality Improvement purposes the following changes were made. Methylenedioxyamphetamine, Methylenedioxyethylamphetamine and Methylenedioxymethamphetamine were removed. MDA, MDEA and MDMA were added.		

Changes effective:
July 13, 2009

NMS Labs
3701 Welsh Road, Willow Grove, PA 19090
800-522-6671
nms@nmslabs.com



TEST CHANGES

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

Test Code	Test Name	Units	Method / CPT Code
2081U	Ethyl Glucuronide, Urine		
	Scope: Ethyl Glucuronide	ng/mL	LC-MS/MS (82542)
	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: Not Required Special Handling: None Rejection Criteria: None		
	Stability: Room Temperature: 20 day(s) Refrigerated: 20 day(s) Frozen (-20 °C): 20 day(s)		
	Summary of Changes: For Quality Improvement purposes the following changes were made. Test Name was changed.		
9176U	Fentanyl Screen, Urine		
	Scope: Fentanyl	ng/mL	ELISA (80100)
	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: Not Required Special Handling: None Rejection Criteria: None		
	Stability: Room Temperature: 14 day(s) Refrigerated: 30 day(s) Frozen (-20 °C): 30 day(s)		
	Summary of Changes: For Quality Improvement purposes the following changes were made. Test Name was changed. Method and CPT code were changed. Norfentanyl was removed.		
9181U	Fentanyl Screen, Urine (CSA)		
	Scope: Fentanyl	ng/mL	ELISA (80100)
	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: Not Required Special Handling: None Rejection Criteria: None		
	Stability: Room Temperature: 14 day(s) Refrigerated: 30 day(s) Frozen (-20 °C): 30 day(s)		
	Summary of Changes: For Quality Improvement purposes the following changes were made. Test Name was changed. Method and CPT code were changed. Norfentanyl was removed.		

Changes effective:
July 13, 2009

NMS Labs
3701 Welsh Road, Willow Grove, PA 19090
800-522-6671
nms@nmslabs.com



TEST CHANGES

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

Test Code	Test Name	Units	Method / CPT Code
8760B	Hallucinogens Profile, Blood (Forensic)		
	Scope: LSD	ng/mL	IA (80101)
	Cocaine / Metabolites	ng/mL	ELISA (80101x4)
	Amphetamines	ng/mL	
	Phencyclidine	ng/mL	
	Cannabinoids	ng/mL	
	Procyclidine	mcg/mL	GC & GC/MS (82542)
	MDMA	ng/mL	
	Mescaline	ng/mL	
	Caffeine	mcg/mL	
	Ketamine	ng/mL	
	MDA	ng/mL	
	Chlorphentermine	ng/mL	
	Mephentermine	ng/mL	
	Phentermine	ng/mL	
	Benzphetamine	ng/mL	
	Phencyclidine	ng/mL	
	Dimethyltryptamine	ng/mL	
	Amphetamine	ng/mL	
	Methamphetamine	ng/mL	
Specimen Requirements:	Specimen Requirements: 8 mL Blood Transport Temperature: Frozen Specimen Container: Gray top tube (Sodium Fluoride / Potassium Oxalate) Light Protection: Yes Special Handling: Glass containers are not acceptable. Rejection Criteria: Not received Light Protected. Glass container.		
Stability:	Room Temperature: Undetermined Refrigerated: Undetermined Frozen (-20 °C): Undetermined		
Summary of Changes:	For Quality Improvement purposes the following changes were made. Methylenedioxyamphetamine and Methylenedioxymethamphetamine were removed. MDA and MDMA were added. Units were changed.		

Changes effective:
July 13, 2009

NMS Labs
3701 Welsh Road, Willow Grove, PA 19090
800-522-6671
nms@nmslabs.com



TEST CHANGES

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

Test Code	Test Name	Units	Method / CPT Code	
8760SP	Hallucinogens Profile, Serum/Plasma (Forensic)			
	Scope	LSD	ng/mL	
		Cocaine / Metabolites	ng/mL	IA (80101)
		Amphetamines	ng/mL	
		Phencyclidine	ng/mL	
		Cannabinoids	ng/mL	
		Procyclidine	mcg/mL	ELISA (80101x4)
		MDMA	ng/mL	
		Mescaline	ng/mL	
		Caffeine	mcg/mL	
		Ketamine	ng/mL	
		MDA	ng/mL	
		Chlorphentermine	ng/mL	
		Mephentermine	ng/mL	
		Phentermine	ng/mL	
		Benzphetamine	ng/mL	
		Phencyclidine	ng/mL	
		Dimethyltryptamine	ng/mL	
		Amphetamine	ng/mL	GC & GC/MS (82542)
		Methamphetamine	ng/mL	
	Bufotenine	ng/mL		
	Psilocin	ng/mL		
Specimen Requirements:	Specimen Requirements: 10 mL Serum or Plasma 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: Yes Special Handling: Glass containers are not acceptable. 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: Not received Light Protected. Glass container. Polymer gel separation tube (SST or PST).			
Stability:	Room Temperature: Undetermined Refrigerated: Undetermined Frozen (-20 °C): Undetermined			
Summary of Changes:	For Quality Improvement purposes the following changes were made. Methylenedioxyamphetamine and Methylenedioxymethamphetamine were removed. MDA and MDMA were added. Units were changed.			

Changes effective:
July 13, 2009

NMS Labs
3701 Welsh Road, Willow Grove, PA 19090
800-522-6671
nms@nmslabs.com



TEST CHANGES

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

Test Code	Test Name	Units	Method / CPT Code	
8760U	Hallucinogens Profile, Urine (Forensic)			
	Scope	LSD	ng/mL	
		Cocaine / Metabolites	ng/mL	IA (80101)
		Amphetamines	ng/mL	EIA (80101x4)
		Phencyclidine	ng/mL	
		Cannabinoids	ng/mL	
		Bufotenine	ng/mL	
		Psilocin	ng/mL	
		Procyclidine	ng/mL	GC & GC/MS (82542)
		MDMA	ng/mL	
		Mescaline	ng/mL	
		Caffeine	ng/mL	
		Ketamine	ng/mL	
		MDA	ng/mL	
		Chlorphentermine	ng/mL	
		Mephentermine	ng/mL	
		Phentermine	ng/mL	
		Benzphetamine	ng/mL	
		Phencyclidine	ng/mL	
		Dimethyltryptamine	ng/mL	
	Amphetamine	ng/mL		
	Methamphetamine	ng/mL		
Specimen Requirements:	Specimen Requirements: 7 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: Yes Special Handling: Submit with Chain of Custody. Glass containers are not acceptable. Rejection Criteria: Not received Light Protected. Glass container.			
Stability:	Room Temperature: Undetermined Refrigerated: Undetermined Frozen (-20 °C): Undetermined			
Summary of Changes:	For Quality Improvement purposes the following changes were made. Methylenedioxyamphetamine and Methylenedioxymethamphetamine were removed. MDA and MDMA were added.			

Changes effective:
July 13, 2009

NMS Labs
3701 Welsh Road, Willow Grove, PA 19090
800-522-6671
nms@nmslabs.com



TEST CHANGES

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

Test Code	Test Name	Units	Method / CPT Code
2584B	Methylenedioxyamphetamine, Blood Scope: MDA 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: Not Required Special Handling: None Rejection Criteria: None Stability: Room Temperature: 1 month(s) Refrigerated: 1 month(s) Frozen (-20 °C): 1 month(s)	ng/mL	LC-MS/MS (82145)
Summary of Changes: For Quality Improvement purposes the following changes were made. Methylenedioxyamphetamine was removed. MDA was added.			
2584SP	Methylenedioxyamphetamine, Serum/Plasma Scope: MDA 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: 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: 1 month(s) Refrigerated: 1 month(s) Frozen (-20 °C): 1 month(s)	ng/mL	LC-MS/MS (82145)
Summary of Changes: For Quality Improvement purposes the following changes were made. Methylenedioxyamphetamine was removed. MDA was added.			

Changes effective:
July 13, 2009

NMS Labs
3701 Welsh Road, Willow Grove, PA 19090
800-522-6671
nms@nmslabs.com



TEST CHANGES

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

Test Code	Test Name	Units	Method / CPT Code
2584U	Methylenedioxyamphetamine, Urine Scope: MDA 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: Not Required Special Handling: None Rejection Criteria: None Stability: Room Temperature: 1 month(s) Refrigerated: 1 month(s) Frozen (-20 °C): 1 month(s)	ng/mL	LC-MS/MS (82145)
Summary of Changes: For Quality Improvement purposes the following changes were made. Methylenedioxyamphetamine was removed. MDA was added.			
8359B	Methylenedioxyamphetamine, Blood (Forensic) Scope: Amphetamines MDA 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: Not Required Special Handling: None Rejection Criteria: None Stability: Room Temperature: 7 day(s) Refrigerated: 14 day(s) Frozen (-20 °C): 1 month(s)	ng/mL ng/mL	ELISA (80101) LC-MS/MS (82145)
Summary of Changes: For Quality Improvement purposes the following changes were made. Methylenedioxyamphetamine was removed. MDA was added.			

Changes effective:
July 13, 2009

NMS Labs
3701 Welsh Road, Willow Grove, PA 19090
800-522-6671
nms@nmslabs.com



TEST CHANGES

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

Test Code	Test Name	Units	Method / CPT Code
2585B	Methylenedioxymethamphetamine and Metabolite, Blood Scope: MDA MDMA 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: Not Required Special Handling: None Rejection Criteria: None Stability: Room Temperature: 1 month(s) Refrigerated: 1 month(s) Frozen (-20 °C): 1 month(s)	ng/mL ng/mL	LC-MS/MS (82145)
Summary of Changes: For Quality Improvement purposes the following changes were made. Methylenedioxyamphetamine and Methylenedioxymethamphetamine were removed. MDA and MDMA were added.			
2585FL	Methylenedioxymethamphetamine and Metabolite, Fluid Scope: MDA MDMA 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: Not Required Special Handling: None Rejection Criteria: None Stability: Room Temperature: Undetermined Refrigerated: Undetermined Frozen (-20 °C): Undetermined	ng/mL ng/mL	LC-MS/MS (82145)
Summary of Changes: For Quality Improvement purposes the following changes were made. Methylenedioxyamphetamine and Methylenedioxymethamphetamine were removed. MDA and MDMA were added.			

Changes effective:
July 13, 2009

NMS Labs
3701 Welsh Road, Willow Grove, PA 19090
800-522-6671
nms@nmslabs.com



TEST CHANGES

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

Test Code	Test Name	Units	Method / CPT Code
2585SP	Methylenedioxymethamphetamine and Metabolite, Serum/Plasma		
	Scope: MDA MDMA	ng/mL ng/mL	LC-MS/MS (82145)
	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: 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: 1 month(s) Refrigerated: 1 month(s) Frozen (-20 °C): 1 month(s)		
	Summary of Changes: For Quality Improvement purposes the following changes were made. Methylenedioxyamphetamine and Methylenedioxymethamphetamine were removed. MDA and MDMA were added.		
2585TI	Methylenedioxymethamphetamine and Metabolite, Tissue		
	Scope: MDA MDMA	ng/g ng/g	LC-MS/MS (80103, 82145)
	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: Not Required Special Handling: None Rejection Criteria: None		
	Stability: Room Temperature: Undetermined Refrigerated: Undetermined Frozen (-20 °C): Undetermined		
	Summary of Changes: For Quality Improvement purposes the following changes were made. Methylenedioxyamphetamine and Methylenedioxymethamphetamine were removed. MDA and MDMA were added.		

Changes effective:
July 13, 2009

NMS Labs
3701 Welsh Road, Willow Grove, PA 19090
800-522-6671
nms@nmslabs.com



TEST CHANGES

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

Test Code	Test Name	Units	Method / CPT Code
2585U	Methylenedioxymethamphetamine and Metabolite, Urine		
	Scope: MDA MDMA	ng/mL ng/mL	LC-MS/MS (82145)
	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: Not Required Special Handling: None Rejection Criteria: None		
	Stability: Room Temperature: 1 month(s) Refrigerated: 1 month(s) Frozen (-20 °C): 1 month(s)		
	Summary of Changes: For Quality Improvement purposes the following changes were made. Methylenedioxyamphetamine and Methylenedioxymethamphetamine were removed. MDA and MDMA were added.		
6927H	Methylenedioxymethamphetamine and Metabolite, Hair (Forensic)		
	Scope: MDA MDMA Hair Length	ng/g ng/g	GC & GC/MS (80103, 82542)
	Specimen Requirements: Specimen Requirements: 300 mg Hair Transport Temperature: Room Temperature Specimen Container: NMS Labs has no experimental or literature-based data regarding the choice of specific specimen collection containers for this test. Light Protection: Not Required Special Handling: Submit with Chain of Custody. NMS Protectikit or Hair collection kit is available for security of collection and shipment. Collect a pencil-thick segment of hair. Bundle, cut at roots, wrap with twist tie at root end. Rejection Criteria: None		
	Stability: Room Temperature: Undetermined Refrigerated: Undetermined Frozen (-20 °C): Undetermined		
	Summary of Changes: For Quality Improvement purposes the following changes were made. Methylenedioxyamphetamine and Methylenedioxymethamphetamine were removed. MDA and MDMA were added.		

Changes effective:
July 13, 2009

NMS Labs
3701 Welsh Road, Willow Grove, PA 19090
800-522-6671
nms@nmslabs.com



TEST CHANGES

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

Test Code	Test Name	Units	Method / CPT Code
8360B	Methylenedioxymethamphetamine and Metabolite, Blood (Forensic)		
	Scope: Amphetamines	ng/mL	ELISA (80101)
	MDA	ng/mL	LC-MS/MS (82145)
	MDMA	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: Not Required Special Handling: None Rejection Criteria: None		
Stability:	Room Temperature: 7 day(s) Refrigerated: 14 day(s) Frozen (-20 °C): 1 month(s)		
Summary of Changes:	For Quality Improvement purposes the following changes were made. Methylenedioxyamphetamine and Methylenedioxymethamphetamine were removed. MDA and MDMA were added.		
8360SP	Methylenedioxymethamphetamine and Metabolite, Serum/Plasma (Forensic)		
	Scope: Amphetamines	ng/mL	ELISA (80101)
	MDA	ng/mL	LC-MS/MS (82145)
	MDMA	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: 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: 7 day(s) Refrigerated: 14 day(s) Frozen (-20 °C): 1 month(s)		
Summary of Changes:	For Quality Improvement purposes the following changes were made. Methylenedioxyamphetamine and Methylenedioxymethamphetamine were removed. MDA and MDMA were added. Requested volume was increased.		

Changes effective:
July 13, 2009

NMS Labs
3701 Welsh Road, Willow Grove, PA 19090
800-522-6671
nms@nmslabs.com



TEST CHANGES

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

Test Code	Test Name	Units	Method / CPT Code
8360U	Methylenedioxymethamphetamine and Metabolite, Urine (Forensic)		
	Scope: Amphetamines MDA MDMA	ng/mL ng/mL ng/mL	EIA (80101) LC-MS/MS (82145)
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: Not Required Special Handling: None Rejection Criteria: None			
Stability: Room Temperature: 7 day(s) Refrigerated: 14 day(s) Frozen (-20 °C): 1 month(s)			
Summary of Changes: For Quality Improvement purposes the following changes were made. Methylenedioxyamphetamine and Methylenedioxymethamphetamine were removed. MDA and MDMA were added. Requested volume was increased.			
9293B	Methylenedioxymethamphetamine and Metabolite Screen, Blood		
	Scope: MDA MDMA	ng/mL ng/mL	LC-MS/MS (82145)
Specimen Requirements: Specimen Requirements: 4 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: Not Required Special Handling: None Rejection Criteria: None			
Stability: Room Temperature: 1 month(s) Refrigerated: 1 month(s) Frozen (-20 °C): 1 month(s)			
Summary of Changes: For Quality Improvement purposes the following changes were made. Methylenedioxyamphetamine and Methylenedioxymethamphetamine were removed. MDA and MDMA were added. Requested volume was increased.			

Changes effective:
July 13, 2009

NMS Labs
3701 Welsh Road, Willow Grove, PA 19090
800-522-6671
nms@nmslabs.com



TEST CHANGES

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

Test Code	Test Name	Units	Method / CPT Code
9293FL	Methylenedioxymethamphetamine and Metabolite Screen, Fluid		
	Scope: MDA MDMA	ng/mL ng/mL	LC-MS/MS (82145)
	Specimen Requirements: Specimen Requirements: 4 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: Not Required Special Handling: None Rejection Criteria: None		
	Stability: Room Temperature: Undetermined Refrigerated: Undetermined Frozen (-20 °C): Undetermined		
	Summary of Changes: For Quality Improvement purposes the following changes were made. Methylenedioxyamphetamine and Methylenedioxymethamphetamine were removed. MDA and MDMA were added. Requested volume was increased.		
9293ME	Methylenedioxymethamphetamine and Metabolite Screen, Meconium		
	Scope: MDA MDMA	ng/g ng/g	LC-MS/MS (80103, 80100)
	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: Not Required Special Handling: None Rejection Criteria: None		
	Stability: Room Temperature: 1 month(s) Refrigerated: 1 month(s) Frozen (-20 °C): 1 month(s)		
	Summary of Changes: For Quality Improvement purposes the following changes were made. Methylenedioxyamphetamine and Methylenedioxymethamphetamine were removed. MDA and MDMA were added.		

Changes effective:
July 13, 2009

NMS Labs
3701 Welsh Road, Willow Grove, PA 19090
800-522-6671
nms@nmslabs.com



TEST CHANGES

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

Test Code	Test Name	Units	Method / CPT Code
9293SP	Methylenedioxymethamphetamine and Metabolite Screen, Serum/Plasma		
	Scope: MDA MDMA	ng/mL ng/mL	LC-MS/MS (82145)
	Specimen Requirements: Specimen Requirements: 4 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: 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: 1 month(s) Refrigerated: 1 month(s) Frozen (-20 °C): 1 month(s)		
	Summary of Changes: For Quality Improvement purposes the following changes were made. Methylenedioxyamphetamine and Methylenedioxymethamphetamine were removed. MDA and MDMA were added. Requested volume was increased.		
9293U	Methylenedioxymethamphetamine and Metabolite Screen, Urine		
	Scope: MDA MDMA	ng/mL ng/mL	LC-MS/MS (80100)
	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: Not Required Special Handling: None Rejection Criteria: None		
	Stability: Room Temperature: 1 month(s) Refrigerated: 1 month(s) Frozen (-20 °C): 1 month(s)		
	Summary of Changes: For Quality Improvement purposes the following changes were made. Methylenedioxyamphetamine and Methylenedioxymethamphetamine were removed. MDA and MDMA were added.		

Changes effective:
July 13, 2009

NMS Labs
3701 Welsh Road, Willow Grove, PA 19090
800-522-6671
nms@nmslabs.com



TEST CHANGES

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

Test Code	Test Name	Units	Method / CPT Code
5696B	Methylenedioxymethamphetamine and Metabolite Confirmation, Blood		
	Scope: MDA MDMA	ng/mL ng/mL	GC/MS (80102)
	Specimen Requirements: Specimen Requirements: 3 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: Not Required Special Handling: None Rejection Criteria: None		
	Stability: Room Temperature: 1 month(s) Refrigerated: 1 month(s) Frozen (-20 °C): 1 month(s)		
	Summary of Changes: For Quality Improvement purposes the following changes were made. Methylenedioxyamphetamine and Methylenedioxymethamphetamine were removed. MDA and MDMA were added.		
5696FL	Methylenedioxymethamphetamine and Metabolite Confirmation, Fluid		
	Scope: MDA MDMA	ng/mL ng/mL	GC/MS (80102)
	Specimen Requirements: Specimen Requirements: 3 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: Not Required Special Handling: None Rejection Criteria: None		
	Stability: Room Temperature: Undetermined Refrigerated: Undetermined Frozen (-20 °C): Undetermined		
	Summary of Changes: For Quality Improvement purposes the following changes were made. Methylenedioxyamphetamine and Methylenedioxymethamphetamine were removed. MDA and MDMA were added.		

Changes effective:
July 13, 2009

NMS Labs
3701 Welsh Road, Willow Grove, PA 19090
800-522-6671
nms@nmslabs.com



TEST CHANGES

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

Test Code	Test Name	Units	Method / CPT Code
5696ME	Methylenedioxymethamphetamine and Metabolite Confirmation, Meconium		
	Scope: MDA	ng/g	GC/MS
	MDMA	ng/g	(80103, 80102)
	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: Not Required Special Handling: None Rejection Criteria: None		
	Stability: Room Temperature: 1 month(s) Refrigerated: 1 month(s) Frozen (-20 °C): 1 month(s)		
	Summary of Changes: For Quality Improvement purposes the following changes were made. Methylenedioxyamphetamine and Methylenedioxymethamphetamine were removed. MDA and MDMA were added.		
5696SP	Methylenedioxymethamphetamine and Metabolite Confirmation, Serum/Plasma		
	Scope: MDA	ng/mL	GC/MS (80102)
	MDMA	ng/mL	
	Specimen Requirements: Specimen Requirements: 3 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: 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: 1 month(s) Refrigerated: 1 month(s) Frozen (-20 °C): 1 month(s)		
	Summary of Changes: For Quality Improvement purposes the following changes were made. Methylenedioxyamphetamine and Methylenedioxymethamphetamine were removed. MDA and MDMA were added.		

Changes effective:
July 13, 2009

NMS Labs
3701 Welsh Road, Willow Grove, PA 19090
800-522-6671
nms@nmslabs.com



TEST CHANGES

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

Test Code	Test Name	Units	Method / CPT Code
5696U	Methylenedioxymethamphetamine and Metabolite Confirmation, Urine		
	Scope: MDA	ng/mL	GC/MS (80102)
	MDMA	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: Not Required Special Handling: None Rejection Criteria: None		
	Stability: Room Temperature: 1 month(s) Refrigerated: 1 month(s) Frozen (-20 °C): 1 month(s)		
	Summary of Changes: For Quality Improvement purposes the following changes were made. Methylenedioxyamphetamine and Methylenedioxymethamphetamine were removed. MDA and MDMA were added.		

DISCONTINUED TESTS

Test Code	Test Name	Alternative Test
4645B	1,1,1-Trichloroethane, Blood (CSA)	No alternate test available
4645TI	1,1,1-Trichloroethane, Tissue (CSA)	No alternate test available
8624SP	Barbiturates Panel, Serum/Plasma (CSA)	8620SP Barbiturates Panel, Serum/Plasma
9331SP	Benzodiazepines Panel, Serum/Plasma (CSA)	9329SP Benzodiazepines Panel, Serum/Plasma
0687SP	Bismuth, Serum/Plasma (CSA)	0680SP Bismuth, Serum/Plasma
0976SP	Carbamazepine and Metabolite, Serum/Plasma (CSA)	0970SP Carbamazepine and Metabolite, Serum/Plasma
1269SP	Clobazam, Serum/Plasma (CSA)	1267SP Clobazam, Serum/Plasma
1271SP	Clonazepam and Metabolite, Serum/Plasma (CSA)	1270SP Clonazepam and Metabolite, Serum/Plasma
1503SP	Diazepam and Metabolites, Serum/Plasma (CSA)	1501SP Diazepam and Metabolites, Serum/Plasma
4667SP	Duloxetine, Serum (Study)	4666SP Duloxetine, Serum/Plasma
2002SP	Ethosuximide, Serum/Plasma (CSA)	2000SP Ethosuximide, Serum/Plasma
2070SP	Felbamate, Serum/Plasma (CSA)	2069SP Felbamate, Serum/Plasma
2138SP	Fosphenytoin, Serum/Plasma (CSA)	2136SP Fosphenytoin, Serum/Plasma
2145SP	Gabapentin, Serum/Plasma (CSA)	2143SP Gabapentin, Serum/Plasma
5423B	Heroin Metabolites Confirmation - Free (Unconjugated), Blood	5686B Heroin Confirmation - Free (Unconjugated), Blood
5423U	Heroin Metabolites Confirmation - Free (Unconjugated), Urine	5707U Heroin Confirmation - Free (Unconjugated), Urine
9344B	Heroin Metabolites Screen, Blood	9343B Heroin Screen, Blood
9344U	Heroin Metabolites Screen, Urine	9343U Heroin Screen, Urine
2487SP	Lamotrigine, Serum/Plasma (CSA)	2484SP Lamotrigine, Serum/Plasma

Changes effective:
July 13, 2009

NMS Labs
3701 Welsh Road, Willow Grove, PA 19090
800-522-6671
nms@nmslabs.com



DISCONTINUED TESTS

Test Code	Test Name	Alternative Test
2507SP	Levetiracetam, Serum/Plasma (CSA)	2505SP Levetiracetam, Serum/Plasma
2515SP	Lidocaine, Serum/Plasma (CSA)	2512SP Lidocaine and Metabolite (MEGX), Serum/Plasma
2239U	Metals/Metalloids Panel, Urine (CSA)	No alternate test available
2952SP	Methsuximide as Metabolite, Serum/Plasma (CSA)	2950SP Methsuximide as Metabolite, Serum/Plasma
3058SP	Midazolam, Serum/Plasma (CSA)	3057SP Midazolam, Serum/Plasma
3067R	Minerals Panel 6, RBCs (CSA)	3066R Mineral Profile, RBCs
3267SP	Oxcarbazepine as Metabolite, Serum/Plasma (CSA)	3265SP Oxcarbazepine as Metabolite, Serum/Plasma
3747SP	Phenytoin, Free/Bound, Serum/Plasma (CSA)	3745SP Phenytoin, Free/Bound, Serum/Plasma
3797SP	Pregabalin, Serum/Plasma (CSA)	3795SP Pregabalin, Serum/Plasma
4340B	Tetrachloroethylene, Blood (CSA)	4333B Tetrachloroethane, Blood
4340FL	Tetrachloroethylene, Fluid (CSA)	No alternate test available
4340TI	Tetrachloroethylene, Tissue (CSA)	No alternate test available
4477SP	Tiagabine, Serum/Plasma (CSA)	4479SP Tiagabine, Serum/Plasma
4516FL	Toluene, Fluid (Study)	4510FL Toluene, Fluid
4516TI	Toluene, Tissue (CSA)	4510TI Toluene, Tissue
4517SP	Topiramate, Serum/Plasma (CSA)	4519SP Topiramate, Serum/Plasma
4762SP	Valproic Acid - Free and Total, Serum/Plasma (CSA)	4759SP Valproic Acid - Free and Total, Serum/Plasma
4886SP	Zonisamide, Serum/Plasma (CSA)	4884SP Zonisamide, Serum/Plasma

REFERENCE COMMENT CHANGES

Test Code	Test Name / Compound	New Reference Comment
0210SP	Allobarbitol, Serum/Plasma <ul style="list-style-type: none"> Allobarbitol 	In plasma, the therapeutic concentration is usually in the range of 15 - 40 mcg/mL. Potentially toxic at plasma concentrations greater than 50 mcg/mL.
5447B	Amobarbital Confirmation, Blood <ul style="list-style-type: none"> Amobarbital 	Following a single oral administration of 120 mg, serum concentrations peaked at about 1.8 mcg/mL at 2 hours, and declined slowly thereafter with a half-life of approximately 24 hours. Potentially toxic at plasma concentrations greater than 9 mcg/mL.
9406B	Amobarbital Screen, Blood <ul style="list-style-type: none"> Amobarbital 	Following a single oral administration of 120 mg, serum concentrations peaked at about 1.8 mcg/mL at 2 hours, and declined slowly thereafter with a half-life of approximately 24 hours. Potentially toxic at plasma concentrations greater than 9 mcg/mL.
0320B	Amobarbital, Blood <ul style="list-style-type: none"> Amobarbital 	Following a single oral administration of 120 mg, serum concentrations peaked at about 1.8 mcg/mL at 2 hours, and declined slowly thereafter with a half-life of approximately 24 hours. Potentially toxic at plasma concentrations greater than 9 mcg/mL.

REFERENCE COMMENT CHANGES

Test Code	Test Name / Compound	New Reference Comment
0320SP	Amobarbital, Serum/Plasma <ul style="list-style-type: none"> Amobarbital 	Following a single oral administration of 120 mg, serum concentrations peaked at about 1.8 mcg/mL at 2 hours, and declined slowly thereafter with a half-life of approximately 24 hours. Potentially toxic at plasma concentrations greater than 9 mcg/mL.
0320U	Amobarbital, Urine <ul style="list-style-type: none"> Amobarbital 	Approximately 1 - 3% of a dose is excreted unchanged in the urine. Following a single 600 mg oral dose, peak concentrations ranged from 2.5 - 3.7 mcg/mL over a 21 hour period.
8622U	Amobarbital, Urine <ul style="list-style-type: none"> Amobarbital 	Approximately 1 - 3% of a dose is excreted unchanged in the urine. Following a single 600 mg oral dose, peak concentrations ranged from 2.5 - 3.7 mcg/mL over a 21 hour period.
0405B	Anticonvulsants Panel, Blood <ul style="list-style-type: none"> Mephobarbital Phenobarbital 	Oral daily doses of 100 - 400 mg resulted in plasma concentrations ranging from 0.5 - 1.7 mcg/mL. Serum/plasma concentrations of 10 - 30 mcg/mL are generally considered desirable when given as an anticonvulsant. A blood/plasma ratio of 0.81 has been reported.
0405SP	Anticonvulsants Panel, Serum/Plasma <ul style="list-style-type: none"> Mephobarbital Phenobarbital 	Oral daily doses of 100 - 400 mg resulted in plasma concentrations ranging from 0.5 - 1.7 mcg/mL. Serum/plasma concentrations of 10 - 30 mcg/mL are generally considered desirable when given as an anticonvulsant.
0405U	Anticonvulsants Panel, Urine <ul style="list-style-type: none"> Mephobarbital Phenobarbital 	Less than 1% of a dose is eliminated in the urine as unchanged drug. For patients on chronic therapy, a mean of 20% (range, 12 - 55%) of the dose is excreted unchanged in the 24 hour urine.
0450SP	Aprobarbital, Serum/Plasma <ul style="list-style-type: none"> Aprobarbital 	In plasma, the therapeutic range is usually between 10 and 40 mcg/mL. Following a single oral dose of 750 mg, a mean peak plasma concentration of 15 mcg/mL (range, 12 - 18 mcg/mL) was produced at 12 hours with a decline to 10 mcg/mL (range, 4 - 14 mcg/mL) after 36 hours. Potentially toxic at plasma concentrations greater than 40 mcg/mL.

REFERENCE COMMENT CHANGES

Test Code	Test Name / Compound	New Reference Comment
8623U	Aprobarbital, Urine <ul style="list-style-type: none"> Aprobarbital 	Slowly excreted from the urine, mainly as metabolites. Less than 3% of a dose is excreted as unchanged drug in 24 hours. From 7.5 - 17.5% of a single dose is excreted unchanged in the urine over a 4 day period.
0450U	Aprobarbital, Urine <ul style="list-style-type: none"> Aprobarbital 	Slowly excreted from the urine, mainly as metabolites. Less than 3% of a dose is excreted as unchanged drug in 24 hours. From 7.5 - 17.5% of a single dose is excreted unchanged in the urine over a 4 day period.
0500B	Barbital, Blood <ul style="list-style-type: none"> Barbital 	Following a single oral dose of 1500 mg, a mean peak plasma level of 26 mcg/mL (range, 21 - 31 mcg/mL) was reported at 12 hours; the concentration declined to 21 mcg/mL (range, 19 - 23 mcg/mL) by 36 hours. Potentially toxic at plasma concentrations greater than 20 mcg/mL.
0500SP	Barbital, Serum/Plasma <ul style="list-style-type: none"> Barbital 	Following a single oral dose of 1500 mg, a mean peak plasma level of 26 mcg/mL (range, 21 - 31 mcg/mL) was reported at 12 hours; the concentration declined to 21 mcg/mL (range, 19 - 23 mcg/mL) by 36 hours. Potentially toxic at plasma concentrations greater than 20 mcg/mL.
0500U	Barbital, Urine <ul style="list-style-type: none"> Barbital 	After a single dose, 33% was found in the urine within 2 days and up to 95% by 13 days.
5651B	Barbiturates Confirmation, Blood <ul style="list-style-type: none"> Amobarbital Butabarbital Butalbital 	<p>Following a single oral administration of 120 mg, serum concentrations peaked at about 1.8 mcg/mL at 2 hours, and declined slowly thereafter with a half-life of approximately 24 hours. Potentially toxic at plasma concentrations greater than 9 mcg/mL.</p> <p>Plasma concentrations of 2 - 3 mcg/mL produce sedation and plasma concentrations of 25 mcg/mL produce sleep in most patients. Plasma concentrations of greater than 30 mcg/mL may produce coma and plasma concentrations in excess of 50 mcg/mL are potentially lethal.</p> <p>A single oral 100 mg dose resulted in a mean peak blood concentration of 2.1 mcg/mL (range, 1.7 - 2.6 mcg/mL) at 2 hours, with a decline to 1.5 mcg/mL (range, 1.3 - 1.7 mcg/mL) by 24 hours. Potentially toxic at plasma concentrations greater than 10 mcg/mL.</p>

REFERENCE COMMENT CHANGES

Test Code	Test Name / Compound	New Reference Comment
	<ul style="list-style-type: none"> • Pentobarbital • Phenobarbital • Secobarbital 	<p>Peak serum concentrations of 1.2 - 3.1 mcg/mL were produced 0.5 - 2.0 hours after a 100 mg oral dose and peak serum concentrations of 3 mcg/mL were produced 6 min. following a 100 mg IV dose. Potentially toxic at blood concentrations greater than 10 mcg/mL.</p> <p>Serum/plasma concentrations of 10 - 30 mcg/mL are generally considered desirable when given as an anticonvulsant. A blood/plasma ratio of 0.81 has been reported.</p> <p>A 3.3 mg/kg oral dose (approx. 230 mg/70 kg) produced a mean peak blood concentration of 2.0 mcg/mL (range, 1.8 - 2.2 mcg/mL) at 3 hours, diminishing to 1.3 mcg/mL by 20 hours and 0.8 mcg/mL by 40 hours. Potentially toxic at blood concentrations greater than 8 mcg/mL.</p>
5651SP	<p>Barbiturates Confirmation, Serum/Plasma</p> <ul style="list-style-type: none"> • Amobarbital • Butabarbital • Butalbital • Pentobarbital • Phenobarbital 	<p>Following a single oral administration of 120 mg, serum concentrations peaked at about 1.8 mcg/mL at 2 hours, and declined slowly thereafter with a half-life of approximately 24 hours. Potentially toxic at plasma concentrations greater than 9 mcg/mL.</p> <p>Plasma concentrations of 2 - 3 mcg/mL produce sedation and plasma concentrations of 25 mcg/mL produce sleep in most patients. Plasma concentrations of greater than 30 mcg/mL may produce coma and plasma concentrations in excess of 50 mcg/mL are potentially lethal.</p> <p>A single oral 100 mg dose resulted in a mean peak blood concentration of 2.1 mcg/mL (range, 1.7 - 2.6 mcg/mL) at 2 hours, with a decline to 1.5 mcg/mL (range, 1.3 - 1.7 mcg/mL) by 24 hours. Potentially toxic at plasma concentrations greater than 10 mcg/mL.</p> <p>Peak serum concentrations of 1.2 - 3.1 mcg/mL were produced 0.5 - 2.0 hours after a 100 mg oral dose and peak serum concentrations of 3 mcg/mL were produced 6 min. following a 100 mg IV dose. Potentially toxic at blood concentrations greater than 10 mcg/mL.</p> <p>Serum/plasma concentrations of 10 - 30 mcg/mL are generally considered desirable when given as an anticonvulsant.</p>

REFERENCE COMMENT CHANGES

Test Code	Test Name / Compound	New Reference Comment
	<ul style="list-style-type: none"> • Secobarbital 	<p>A 3.3 mg/kg oral dose (approx. 230 mg/70 kg) produced a mean peak blood concentration of 2.0 mcg/mL (range, 1.8 - 2.2 mcg/mL) at 3 hours, diminishing to 1.3 mcg/mL by 20 hours and 0.8 mcg/mL by 40 hours. Potentially toxic at blood concentrations greater than 8 mcg/mL.</p>
<p>5651U</p>	<p>Barbiturates Confirmation, Urine</p> <ul style="list-style-type: none"> • Amobarbital • Butabarbital • Butalbital • Pentobarbital • Phenobarbital • Secobarbital 	<p>Approximately 1 - 3% of a dose is excreted unchanged in the urine. Following a single 600 mg oral dose, peak concentrations ranged from 2.5 - 3.7 mcg/mL over a 21 hour period.</p> <p>Approximately 5 - 9% of a single dose is excreted unchanged in the urine over a period of 9 days.</p> <p>The disposition of butalbital has not been well studied in humans.</p> <p>Less than 1% of a dose is eliminated in the urine as unchanged drug.</p> <p>For patients on chronic therapy, a mean of 20% (range, 12 - 55%) of the dose is excreted unchanged in the 24 hour urine.</p> <p>Secobarbital undergoes extensive biotransformation. However, approximately 5% of secobarbital is excreted unchanged in the urine within 2 days.</p>
<p>8620B</p>	<p>Barbiturates Panel, Blood</p> <ul style="list-style-type: none"> • Amobarbital • Butabarbital • Butalbital 	<p>Following a single oral administration of 120 mg, serum concentrations peaked at about 1.8 mcg/mL at 2 hours, and declined slowly thereafter with a half-life of approximately 24 hours. Potentially toxic at plasma concentrations greater than 9 mcg/mL.</p> <p>Plasma concentrations of 2 - 3 mcg/mL produce sedation and plasma concentrations of 25 mcg/mL produce sleep in most patients. Plasma concentrations of greater than 30 mcg/mL may produce coma and plasma concentrations in excess of 50 mcg/mL are potentially lethal.</p> <p>A single oral 100 mg dose resulted in a mean peak blood concentration of 2.1 mcg/mL (range, 1.7 - 2.6 mcg/mL) at 2 hours, with a decline to 1.5 mcg/mL (range, 1.3 - 1.7 mcg/mL) by 24 hours. Potentially toxic at plasma concentrations greater than 10 mcg/mL.</p>

REFERENCE COMMENT CHANGES

Test Code	Test Name / Compound	New Reference Comment
	<ul style="list-style-type: none"> • Pentobarbital • Phenobarbital • Secobarbital 	<p>Peak serum concentrations of 1.2 - 3.1 mcg/mL were produced 0.5 - 2.0 hours after a 100 mg oral dose and peak serum concentrations of 3 mcg/mL were produced 6 min. following a 100 mg IV dose. Potentially toxic at blood concentrations greater than 10 mcg/mL.</p> <p>Serum/plasma concentrations of 10 - 30 mcg/mL are generally considered desirable when given as an anticonvulsant. A blood/plasma ratio of 0.81 has been reported.</p> <p>A 3.3 mg/kg oral dose (approx. 230 mg/70 kg) produced a mean peak blood concentration of 2.0 mcg/mL (range, 1.8 - 2.2 mcg/mL) at 3 hours, diminishing to 1.3 mcg/mL by 20 hours and 0.8 mcg/mL by 40 hours. Potentially toxic at blood concentrations greater than 8 mcg/mL.</p>
8224B	<p>Barbiturates Panel, Blood (Forensic)</p> <ul style="list-style-type: none"> • Amobarbital • Butabarbital • Butalbital • Pentobarbital 	<p>Following a single oral administration of 120 mg, serum concentrations peaked at about 1.8 mcg/mL at 2 hours, and declined slowly thereafter with a half-life of approximately 24 hours. Potentially toxic at plasma concentrations greater than 9 mcg/mL.</p> <p>Plasma concentrations of 2 - 3 mcg/mL produce sedation and plasma concentrations of 25 mcg/mL produce sleep in most patients. Plasma concentrations of greater than 30 mcg/mL may produce coma and plasma concentrations in excess of 50 mcg/mL are potentially lethal.</p> <p>A single oral 100 mg dose resulted in a mean peak blood concentration of 2.1 mcg/mL (range, 1.7 - 2.6 mcg/mL) at 2 hours, with a decline to 1.5 mcg/mL (range, 1.3 - 1.7 mcg/mL) by 24 hours. Potentially toxic at plasma concentrations greater than 10 mcg/mL.</p> <p>Peak serum concentrations of 1.2 - 3.1 mcg/mL were produced 0.5 - 2.0 hours after a 100 mg oral dose and peak serum concentrations of 3 mcg/mL were produced 6 min. following a 100 mg IV dose. Potentially toxic at blood concentrations greater than 10 mcg/mL.</p>

REFERENCE COMMENT CHANGES

Test Code	Test Name / Compound	New Reference Comment
	<ul style="list-style-type: none"> • Phenobarbital • Secobarbital 	<p>Serum/plasma concentrations of 10 - 30 mcg/mL are generally considered desirable when given as an anticonvulsant. A blood/plasma ratio of 0.81 has been reported.</p> <p>A 3.3 mg/kg oral dose (approx. 230 mg/70 kg) produced a mean peak blood concentration of 2.0 mcg/mL (range, 1.8 - 2.2 mcg/mL) at 3 hours, diminishing to 1.3 mcg/mL by 20 hours and 0.8 mcg/mL by 40 hours. Potentially toxic at blood concentrations greater than 8 mcg/mL.</p>
8620SP	<p>Barbiturates Panel, Serum/Plasma</p> <ul style="list-style-type: none"> • Amobarbital • Butobarbital • Butalbital • Pentobarbital • Phenobarbital • Secobarbital 	<p>Following a single oral administration of 120 mg, serum concentrations peaked at about 1.8 mcg/mL at 2 hours, and declined slowly thereafter with a half-life of approximately 24 hours. Potentially toxic at plasma concentrations greater than 9 mcg/mL.</p> <p>Plasma concentrations of 2 - 3 mcg/mL produce sedation and plasma concentrations of 25 mcg/mL produce sleep in most patients. Plasma concentrations of greater than 30 mcg/mL may produce coma and plasma concentrations in excess of 50 mcg/mL are potentially lethal.</p> <p>A single oral 100 mg dose resulted in a mean peak blood concentration of 2.1 mcg/mL (range, 1.7 - 2.6 mcg/mL) at 2 hours, with a decline to 1.5 mcg/mL (range, 1.3 - 1.7 mcg/mL) by 24 hours. Potentially toxic at plasma concentrations greater than 10 mcg/mL.</p> <p>Peak serum concentrations of 1.2 - 3.1 mcg/mL were produced 0.5 - 2.0 hours after a 100 mg oral dose and peak serum concentrations of 3 mcg/mL were produced 6 min. following a 100 mg IV dose. Potentially toxic at blood concentrations greater than 10 mcg/mL.</p> <p>Serum/plasma concentrations of 10 - 30 mcg/mL are generally considered desirable when given as an anticonvulsant.</p> <p>A 3.3 mg/kg oral dose (approx. 230 mg/70 kg) produced a mean peak blood concentration of 2.0 mcg/mL (range, 1.8 - 2.2 mcg/mL) at 3 hours, diminishing to 1.3 mcg/mL by 20 hours and 0.8 mcg/mL by 40 hours. Potentially toxic at blood concentrations greater than 8 mcg/mL.</p>

REFERENCE COMMENT CHANGES

Test Code	Test Name / Compound	New Reference Comment
8224SP	Barbiturates Panel, Serum/Plasma (Forensic) <ul style="list-style-type: none"> • Amobarbital • Butabarbital • Butalbital • Pentobarbital • Phenobarbital • Secobarbital 	<p>Following a single oral administration of 120 mg, serum concentrations peaked at about 1.8 mcg/mL at 2 hours, and declined slowly thereafter with a half-life of approximately 24 hours. Potentially toxic at plasma concentrations greater than 9 mcg/mL.</p> <p>Plasma concentrations of 2 - 3 mcg/mL produce sedation and plasma concentrations of 25 mcg/mL produce sleep in most patients. Plasma concentrations of greater than 30 mcg/mL may produce coma and plasma concentrations in excess of 50 mcg/mL are potentially lethal.</p> <p>A single oral 100 mg dose resulted in a mean peak blood concentration of 2.1 mcg/mL (range, 1.7 - 2.6 mcg/mL) at 2 hours, with a decline to 1.5 mcg/mL (range, 1.3 - 1.7 mcg/mL) by 24 hours. Potentially toxic at plasma concentrations greater than 10 mcg/mL.</p> <p>Peak serum concentrations of 1.2 - 3.1 mcg/mL were produced 0.5 - 2.0 hours after a 100 mg oral dose and peak serum concentrations of 3 mcg/mL were produced 6 min. following a 100 mg IV dose. Potentially toxic at blood concentrations greater than 10 mcg/mL.</p> <p>Serum/plasma concentrations of 10 - 30 mcg/mL are generally considered desirable when given as an anticonvulsant.</p> <p>A 3.3 mg/kg oral dose (approx. 230 mg/70 kg) produced a mean peak blood concentration of 2.0 mcg/mL (range, 1.8 - 2.2 mcg/mL) at 3 hours, diminishing to 1.3 mcg/mL by 20 hours and 0.8 mcg/mL by 40 hours. Potentially toxic at blood concentrations greater than 8 mcg/mL.</p>
8620U	Barbiturates Panel, Urine <ul style="list-style-type: none"> • Amobarbital • Butabarbital • Butalbital 	<p>Approximately 1 - 3% of a dose is excreted unchanged in the urine. Following a single 600 mg oral dose, peak concentrations ranged from 2.5 - 3.7 mcg/mL over a 21 hour period.</p> <p>Approximately 5 - 9% of a single dose is excreted unchanged in the urine over a period of 9 days.</p> <p>The disposition of butalbital has not been well studied in humans.</p>

REFERENCE COMMENT CHANGES

Test Code	Test Name / Compound	New Reference Comment
	<ul style="list-style-type: none"> • Pentobarbital • Phenobarbital • Secobarbital 	<p>Less than 1% of a dose is eliminated in the urine as unchanged drug.</p> <p>For patients on chronic therapy, a mean of 20% (range, 12 - 55%) of the dose is excreted unchanged in the 24 hour urine.</p> <p>Secobarbital undergoes extensive biotransformation. However, approximately 5% of secobarbital is excreted unchanged in the urine within 2 days.</p>
8224U	<p>Barbiturates Panel, Urine (Forensic)</p> <ul style="list-style-type: none"> • Amobarbital • Butobarbital • Butalbital • Pentobarbital • Phenobarbital • Secobarbital 	<p>Approximately 1 - 3% of a dose is excreted unchanged in the urine. Following a single 600 mg oral dose, peak concentrations ranged from 2.5 - 3.7 mcg/mL over a 21 hour period.</p> <p>Approximately 5 - 9% of a single dose is excreted unchanged in the urine over a period of 9 days.</p> <p>The disposition of butalbital has not been well studied in humans.</p> <p>Less than 1% of a dose is eliminated in the urine as unchanged drug.</p> <p>For patients on chronic therapy, a mean of 20% (range, 12 - 55%) of the dose is excreted unchanged in the 24 hour urine.</p> <p>Secobarbital undergoes extensive biotransformation. However, approximately 5% of secobarbital is excreted unchanged in the urine within 2 days.</p>
0810B	<p>Butobarbital, Blood</p> <ul style="list-style-type: none"> • Butobarbital 	<p>Plasma concentrations of 2 - 3 mcg/mL produce sedation and plasma concentrations of 25 mcg/mL produce sleep in most patients. Plasma concentrations of greater than 30 mcg/mL may produce coma and plasma concentrations in excess of 50 mcg/mL are potentially lethal.</p>
0810SP	<p>Butobarbital, Serum/Plasma</p> <ul style="list-style-type: none"> • Butobarbital 	<p>Plasma concentrations of 2 - 3 mcg/mL produce sedation and plasma concentrations of 25 mcg/mL produce sleep in most patients. Plasma concentrations of greater than 30 mcg/mL may produce coma and plasma concentrations in excess of 50 mcg/mL are potentially lethal.</p>

REFERENCE COMMENT CHANGES

Test Code	Test Name / Compound	New Reference Comment
8625SP	Butabarbital, Serum/Plasma <ul style="list-style-type: none"> Butabarbital 	Plasma concentrations of 2 - 3 mcg/mL produce sedation and plasma concentrations of 25 mcg/mL produce sleep in most patients. Plasma concentrations of greater than 30 mcg/mL may produce coma and plasma concentrations in excess of 50 mcg/mL are potentially lethal.
0810U	Butabarbital, Urine <ul style="list-style-type: none"> Butabarbital 	Approximately 5 - 9% of a single dose is excreted unchanged in the urine over a period of 9 days.
0830B	Butalbital, Blood <ul style="list-style-type: none"> Butalbital 	A single oral 100 mg dose resulted in a mean peak blood concentration of 2.1 mcg/mL (range, 1.7 - 2.6 mcg/mL) at 2 hours, with a decline to 1.5 mcg/mL (range, 1.3 - 1.7 mcg/mL) by 24 hours. Potentially toxic at plasma concentrations greater than 10 mcg/mL.
8626B	Butalbital, Blood <ul style="list-style-type: none"> Butalbital 	A single oral 100 mg dose resulted in a mean peak blood concentration of 2.1 mcg/mL (range, 1.7 - 2.6 mcg/mL) at 2 hours, with a decline to 1.5 mcg/mL (range, 1.3 - 1.7 mcg/mL) by 24 hours. Potentially toxic at plasma concentrations greater than 10 mcg/mL.
0830SP	Butalbital, Serum/Plasma <ul style="list-style-type: none"> Butalbital 	A single oral 100 mg dose resulted in a mean peak blood concentration of 2.1 mcg/mL (range, 1.7 - 2.6 mcg/mL) at 2 hours, with a decline to 1.5 mcg/mL (range, 1.3 - 1.7 mcg/mL) by 24 hours. Potentially toxic at plasma concentrations greater than 10 mcg/mL.
8626SP	Butalbital, Serum/Plasma <ul style="list-style-type: none"> Butalbital 	A single oral 100 mg dose resulted in a mean peak blood concentration of 2.1 mcg/mL (range, 1.7 - 2.6 mcg/mL) at 2 hours, with a decline to 1.5 mcg/mL (range, 1.3 - 1.7 mcg/mL) by 24 hours. Potentially toxic at plasma concentrations greater than 10 mcg/mL.
0830U	Butalbital, Urine <ul style="list-style-type: none"> Butalbital 	The disposition of butalbital has not been well studied in humans.
8626U	Butalbital, Urine <ul style="list-style-type: none"> Butalbital 	The disposition of butalbital has not been well studied in humans.

REFERENCE COMMENT CHANGES

Test Code	Test Name / Compound	New Reference Comment
1019B	Carbrital Profile, Blood <ul style="list-style-type: none"> Pentobarbital 	Peak serum concentrations of 1.2 - 3.1 mcg/mL were produced 0.5 - 2.0 hours after a 100 mg oral dose and peak serum concentrations of 3 mcg/mL were produced 6 min. following a 100 mg IV dose. Potentially toxic at blood concentrations greater than 10 mcg/mL.
1019SP	Carbrital Profile, Serum/Plasma <ul style="list-style-type: none"> Pentobarbital 	Peak serum concentrations of 1.2 - 3.1 mcg/mL were produced 0.5 - 2.0 hours after a 100 mg oral dose and peak serum concentrations of 3 mcg/mL were produced 6 min. following a 100 mg IV dose. Potentially toxic at blood concentrations greater than 10 mcg/mL.
1019U	Carbrital Profile, Urine <ul style="list-style-type: none"> Pentobarbital 	Less than 1% of a dose is eliminated in the urine as unchanged drug.
1808B	Donnatal, Blood <ul style="list-style-type: none"> Phenobarbital 	Serum/plasma concentrations of 10 - 30 mcg/mL are generally considered desirable when given as an anticonvulsant. A blood/plasma ratio of 0.81 has been reported.
1808SP	Donnatal, Serum/Plasma <ul style="list-style-type: none"> Phenobarbital 	Serum/plasma concentrations of 10 - 30 mcg/mL are generally considered desirable when given as an anticonvulsant.
1808U	Donnatal, Urine <ul style="list-style-type: none"> Phenobarbital 	For patients on chronic therapy, a mean of 20% (range, 12 - 55%) of the dose is excreted unchanged in the 24 hour urine.
1955U	Esgic, Urine <ul style="list-style-type: none"> Butalbital 	The disposition of butalbital has not been well studied in humans.
2075B	Fioricet, Blood <ul style="list-style-type: none"> Butalbital 	A single oral 100 mg dose resulted in a mean peak blood concentration of 2.1 mcg/mL (range, 1.7 - 2.6 mcg/mL) at 2 hours, with a decline to 1.5 mcg/mL (range, 1.3 - 1.7 mcg/mL) by 24 hours. Potentially toxic at plasma concentrations greater than 10 mcg/mL.
2075SP	Fioricet, Serum/Plasma <ul style="list-style-type: none"> Butalbital 	A single oral 100 mg dose resulted in a mean peak blood concentration of 2.1 mcg/mL (range, 1.7 - 2.6 mcg/mL) at 2 hours, with a decline to 1.5 mcg/mL (range, 1.3 - 1.7 mcg/mL) by 24 hours. Potentially toxic at plasma concentrations greater than 10 mcg/mL.
2075U	Fioricet, Urine <ul style="list-style-type: none"> Butalbital 	The disposition of butalbital has not been well studied in humans.

REFERENCE COMMENT CHANGES

Test Code	Test Name / Compound	New Reference Comment
2087B	Fiorinal, Blood <ul style="list-style-type: none"> Butalbital 	A single oral 100 mg dose resulted in a mean peak blood concentration of 2.1 mcg/mL (range, 1.7 - 2.6 mcg/mL) at 2 hours, with a decline to 1.5 mcg/mL (range, 1.3 - 1.7 mcg/mL) by 24 hours. Potentially toxic at plasma concentrations greater than 10 mcg/mL.
2087SP	Fiorinal, Serum/Plasma <ul style="list-style-type: none"> Butalbital 	A single oral 100 mg dose resulted in a mean peak blood concentration of 2.1 mcg/mL (range, 1.7 - 2.6 mcg/mL) at 2 hours, with a decline to 1.5 mcg/mL (range, 1.3 - 1.7 mcg/mL) by 24 hours. Potentially toxic at plasma concentrations greater than 10 mcg/mL.
2087U	Fiorinal, Urine <ul style="list-style-type: none"> Butalbital 	The disposition of butalbital has not been well studied in humans.
5528SP	Heptabarbital Confirmation, Serum/Plasma <ul style="list-style-type: none"> Heptabarbital 	The therapeutic concentration in plasma is usually in the range of 1 - 4 mcg/mL. Following a single 200 mg dose, peak plasma concentrations of 1.3 - 2.4 mcg/mL occurred in 1.5 - 4 hours. Potentially toxic at plasma concentrations greater than 8 mcg/mL.
5528U	Heptabarbital Confirmation, Urine <ul style="list-style-type: none"> Heptabarbital 	Less than 1% of a dose is eliminated in the urine as unchanged drug.
9183SP	Heptabarbital Screen, Serum/Plasma <ul style="list-style-type: none"> Heptabarbital 	The therapeutic concentration in plasma is usually in the range of 1 - 4 mcg/mL. Following a single 200 mg dose, peak plasma concentrations of 1.3 - 2.4 mcg/mL occurred in 1.5 - 4 hours. Potentially toxic at plasma concentrations greater than 8 mcg/mL.
9183U	Heptabarbital Screen, Urine <ul style="list-style-type: none"> Heptabarbital 	Less than 1% of a dose is eliminated in the urine as unchanged drug.
2298SP	Hexobarbital, Serum/Plasma <ul style="list-style-type: none"> Hexobarbital 	The therapeutic concentration in plasma is usually in the range of 1 - 5 mcg/mL. Following a single oral 500 mg dose, peak plasma concentrations of 4.9 - 10.9 mcg/mL were reported in approximately 1 hour. Potentially toxic at plasma concentrations greater than 8 mcg/mL.
2630B	Mephobarbital and Metabolite, Blood <ul style="list-style-type: none"> Mephobarbital 	Oral daily doses of 100 - 400 mg resulted in plasma concentrations ranging from 0.5 - 1.7 mcg/mL.

REFERENCE COMMENT CHANGES

Test Code	Test Name / Compound	New Reference Comment
	<ul style="list-style-type: none"> Phenobarbital 	<p>In patients receiving 100 - 400 mg daily oral doses of mephobarbital, plasma phenobarbital levels ranged from 11 - 32 mcg/mL. A blood/plasma ratio of 0.81 has been reported.</p>
2630SP	<p>Mephobarbital and Metabolite, Serum/Plasma</p> <ul style="list-style-type: none"> Mephobarbital Phenobarbital 	<p>Oral daily doses of 100 - 400 mg resulted in plasma concentrations ranging from 0.5 - 1.7 mcg/mL.</p> <p>In patients receiving 100 - 400 mg daily oral doses of mephobarbital, plasma phenobarbital levels ranged from 11 - 32 mcg/mL.</p>
2630U	<p>Mephobarbital and Metabolite, Urine</p> <ul style="list-style-type: none"> Mephobarbital Phenobarbital 	<p>Less than 1% of a dose is eliminated in the urine as unchanged drug.</p> <p>Mephobarbital is rapidly metabolized to phenobarbital. While less than 1% of a dose of mephobarbital is excreted unchanged in the urine, as much as 15% is present as phenobarbital.</p>
2860B	<p>Metharbital and Metabolite, Blood</p> <ul style="list-style-type: none"> Barbital 	<p>Following a single oral dose of 1500 mg, a mean peak plasma level of 26 mcg/mL (range, 21 - 31 mcg/mL) was reported at 12 hours; the concentration declined to 21 mcg/mL (range, 19 - 23 mcg/mL) by 36 hours. Potentially toxic at plasma concentrations greater than 20 mcg/mL.</p>
2860SP	<p>Metharbital and Metabolite, Serum/Plasma</p> <ul style="list-style-type: none"> Barbital 	<p>Following a single oral dose of 1500 mg, a mean peak plasma level of 26 mcg/mL (range, 21 - 31 mcg/mL) was reported at 12 hours; the concentration declined to 21 mcg/mL (range, 19 - 23 mcg/mL) by 36 hours. Potentially toxic at plasma concentrations greater than 20 mcg/mL.</p>
2860U	<p>Metharbital and Metabolite, Urine</p> <ul style="list-style-type: none"> Barbital 	<p>Approximately 9% of a metharbital dose is excreted as barbital in the 48 hour urine. It is believed that much of the remainder of the dose is excreted as barbital over a 2 - 3 week period following a single administration.</p>
3410B	<p>Pentobarbital, Blood</p> <ul style="list-style-type: none"> Pentobarbital 	<p>Peak serum concentrations of 1.2 - 3.1 mcg/mL were produced 0.5 - 2.0 hours after a 100 mg oral dose and peak serum concentrations of 3 mcg/mL were produced 6 min. following a 100 mg IV dose. Potentially toxic at blood concentrations greater than 10 mcg/mL.</p>

REFERENCE COMMENT CHANGES

Test Code	Test Name / Compound	New Reference Comment
8632B	Pentobarbital, Blood <ul style="list-style-type: none"> Pentobarbital 	Peak serum concentrations of 1.2 - 3.1 mcg/mL were produced 0.5 - 2.0 hours after a 100 mg oral dose and peak serum concentrations of 3 mcg/mL were produced 6 min. following a 100 mg IV dose. Potentially toxic at blood concentrations greater than 10 mcg/mL.
3410SP	Pentobarbital, Serum/Plasma <ul style="list-style-type: none"> Pentobarbital 	Peak serum concentrations of 1.2 - 3.1 mcg/mL were produced 0.5 - 2.0 hours after a 100 mg oral dose and peak serum concentrations of 3 mcg/mL were produced 6 min. following a 100 mg IV dose. Potentially toxic at blood concentrations greater than 10 mcg/mL.
8632SP	Pentobarbital, Serum/Plasma <ul style="list-style-type: none"> Pentobarbital 	Peak serum concentrations of 1.2 - 3.1 mcg/mL were produced 0.5 - 2.0 hours after a 100 mg oral dose and peak serum concentrations of 3 mcg/mL were produced 6 min. following a 100 mg IV dose. Potentially toxic at blood concentrations greater than 10 mcg/mL.
3410U	Pentobarbital, Urine <ul style="list-style-type: none"> Pentobarbital 	Less than 1% of a dose is eliminated in the urine as unchanged drug.
8632U	Pentobarbital, Urine <ul style="list-style-type: none"> Pentobarbital 	Less than 1% of a dose is eliminated in the urine as unchanged drug.
3582SP	Phenobarbital - Free/Bound, Serum/Plasma <ul style="list-style-type: none"> Phenobarbital - Total 	Serum/plasma concentrations of 10 - 30 mcg/mL are generally considered desirable when given as an anticonvulsant.
5544B	Phenobarbital Confirmation, Blood <ul style="list-style-type: none"> Phenobarbital 	Serum/plasma concentrations of 10 - 30 mcg/mL are generally considered desirable when given as an anticonvulsant. A blood/plasma ratio of 0.81 has been reported.
5544SP	Phenobarbital Confirmation, Serum/Plasma <ul style="list-style-type: none"> Phenobarbital 	Serum/plasma concentrations of 10 - 30 mcg/mL are generally considered desirable when given as an anticonvulsant.
5544U	Phenobarbital Confirmation, Urine <ul style="list-style-type: none"> Phenobarbital 	For patients on chronic therapy, a mean of 20% (range, 12 - 55%) of the dose is excreted unchanged in the 24 hour urine.
9416B	Phenobarbital Screen, Blood <ul style="list-style-type: none"> Phenobarbital 	Serum/plasma concentrations of 10 - 30 mcg/mL are generally considered desirable when given as an anticonvulsant. A blood/plasma ratio of 0.81 has been reported.

REFERENCE COMMENT CHANGES

Test Code	Test Name / Compound	New Reference Comment
9416SP	Phenobarbital Screen, Serum/Plasma <ul style="list-style-type: none"> Phenobarbital 	Serum/plasma concentrations of 10 - 30 mcg/mL are generally considered desirable when given as an anticonvulsant.
9416U	Phenobarbital Screen, Urine <ul style="list-style-type: none"> Phenobarbital 	For patients on chronic therapy, a mean of 20% (range, 12 - 55%) of the dose is excreted unchanged in the 24 hour urine.
3580B	Phenobarbital, Blood <ul style="list-style-type: none"> Phenobarbital 	Serum/plasma concentrations of 10 - 30 mcg/mL are generally considered desirable when given as an anticonvulsant. A blood/plasma ratio of 0.81 has been reported.
8633B	Phenobarbital, Blood <ul style="list-style-type: none"> Phenobarbital 	Serum/plasma concentrations of 10 - 30 mcg/mL are generally considered desirable when given as an anticonvulsant. A blood/plasma ratio of 0.81 has been reported.
3580SP	Phenobarbital, Serum/Plasma <ul style="list-style-type: none"> Phenobarbital 	Serum/plasma concentrations of 10 - 30 mcg/mL are generally considered desirable when given as an anticonvulsant.
3584SP	Phenobarbital, Serum/Plasma <ul style="list-style-type: none"> Phenobarbital 	Serum/plasma concentrations of 10 - 30 mcg/mL are generally considered desirable when given as an anticonvulsant.
8633SP	Phenobarbital, Serum/Plasma <ul style="list-style-type: none"> Phenobarbital 	Serum/plasma concentrations of 10 - 30 mcg/mL are generally considered desirable when given as an anticonvulsant.
3580U	Phenobarbital, Urine <ul style="list-style-type: none"> Phenobarbital 	For patients on chronic therapy, a mean of 20% (range, 12 - 55%) of the dose is excreted unchanged in the 24 hour urine.
8633U	Phenobarbital, Urine <ul style="list-style-type: none"> Phenobarbital 	For patients on chronic therapy, a mean of 20% (range, 12 - 55%) of the dose is excreted unchanged in the 24 hour urine.
3902SP	Primidone and Metabolite, Serum/Plasma <ul style="list-style-type: none"> Phenobarbital 	Patients receiving 1000 mg of primidone daily, showed phenobarbital serum concentrations of 17 - 29 mcg/mL.
3900B	Primidone, Phenobarbital and PEMA, Blood <ul style="list-style-type: none"> Phenobarbital 	Patients receiving 1000 mg of primidone daily, showed phenobarbital serum concentrations of 17 - 29 mcg/mL. A blood/plasma ratio of 0.81 has been reported.

REFERENCE COMMENT CHANGES

Test Code	Test Name / Compound	New Reference Comment
3900SP	Primidone, Phenobarbital and PEMA, Serum/Plasma <ul style="list-style-type: none"> Phenobarbital 	Patients receiving 1000 mg of primidone daily, showed phenobarbital serum concentrations of 17 - 29 mcg/mL.
3900U	Primidone, Phenobarbital and PEMA, Urine <ul style="list-style-type: none"> Phenobarbital 	Phenobarbital is a minor metabolite of primidone.
4170B	Secobarbital, Blood <ul style="list-style-type: none"> Secobarbital 	A 3.3 mg/kg oral dose (approx. 230 mg/70 kg) produced a mean peak blood concentration of 2.0 mcg/mL (range, 1.8 - 2.2 mcg/mL) at 3 hours, diminishing to 1.3 mcg/mL by 20 hours and 0.8 mcg/mL by 40 hours. Potentially toxic at blood concentrations greater than 8 mcg/mL.
8634B	Secobarbital, Blood <ul style="list-style-type: none"> Secobarbital 	A 3.3 mg/kg oral dose (approx. 230 mg/70 kg) produced a mean peak blood concentration of 2.0 mcg/mL (range, 1.8 - 2.2 mcg/mL) at 3 hours, diminishing to 1.3 mcg/mL by 20 hours and 0.8 mcg/mL by 40 hours. Potentially toxic at blood concentrations greater than 8 mcg/mL.
4170SP	Secobarbital, Serum/Plasma <ul style="list-style-type: none"> Secobarbital 	A 3.3 mg/kg oral dose (approx. 230 mg/70 kg) produced a mean peak blood concentration of 2.0 mcg/mL (range, 1.8 - 2.2 mcg/mL) at 3 hours, diminishing to 1.3 mcg/mL by 20 hours and 0.8 mcg/mL by 40 hours. Potentially toxic at blood concentrations greater than 8 mcg/mL.
8634SP	Secobarbital, Serum/Plasma <ul style="list-style-type: none"> Secobarbital 	A 3.3 mg/kg oral dose (approx. 230 mg/70 kg) produced a mean peak blood concentration of 2.0 mcg/mL (range, 1.8 - 2.2 mcg/mL) at 3 hours, diminishing to 1.3 mcg/mL by 20 hours and 0.8 mcg/mL by 40 hours. Potentially toxic at blood concentrations greater than 8 mcg/mL.
4170U	Secobarbital, Urine <ul style="list-style-type: none"> Secobarbital 	Secobarbital undergoes extensive biotransformation. However, approximately 5% of secobarbital is excreted unchanged in the urine within 2 days.
8634U	Secobarbital, Urine <ul style="list-style-type: none"> Secobarbital 	Secobarbital undergoes extensive biotransformation. However, approximately 5% of secobarbital is excreted unchanged in the urine within 2 days.

REFERENCE COMMENT CHANGES

Test Code	Test Name / Compound	New Reference Comment
5600B	Thiopental and Metabolite Confirmation, Blood <ul style="list-style-type: none"> Pentobarbital 	Peak serum concentrations of 1.2 - 3.1 mcg/mL were produced 0.5 - 2.0 hours after a 100 mg oral dose and peak serum concentrations of 3 mcg/mL were produced 6 min. following a 100 mg IV dose. Potentially toxic at blood concentrations greater than 10 mcg/mL.
5600SP	Thiopental and Metabolite Confirmation, Serum/Plasma <ul style="list-style-type: none"> Pentobarbital 	Peak serum concentrations of 1.2 - 3.1 mcg/mL were produced 0.5 - 2.0 hours after a 100 mg oral dose and peak serum concentrations of 3 mcg/mL were produced 6 min. following a 100 mg IV dose. Potentially toxic at blood concentrations greater than 10 mcg/mL.
9419B	Thiopental and Metabolite Screen, Blood <ul style="list-style-type: none"> Pentobarbital 	Peak serum concentrations of 1.2 - 3.1 mcg/mL were produced 0.5 - 2.0 hours after a 100 mg oral dose and peak serum concentrations of 3 mcg/mL were produced 6 min. following a 100 mg IV dose. Potentially toxic at blood concentrations greater than 10 mcg/mL.
9419SP	Thiopental and Metabolite Screen, Serum/Plasma <ul style="list-style-type: none"> Pentobarbital 	Peak serum concentrations of 1.2 - 3.1 mcg/mL were produced 0.5 - 2.0 hours after a 100 mg oral dose and peak serum concentrations of 3 mcg/mL were produced 6 min. following a 100 mg IV dose. Potentially toxic at blood concentrations greater than 10 mcg/mL.
4450B	Thiopental and Metabolite, Blood <ul style="list-style-type: none"> Pentobarbital 	Peak serum concentrations of 1.2 - 3.1 mcg/mL were produced 0.5 - 2.0 hours after a 100 mg oral dose and peak serum concentrations of 3 mcg/mL were produced 6 min. following a 100 mg IV dose. Potentially toxic at blood concentrations greater than 10 mcg/mL.
8636B	Thiopental and Metabolite, Blood <ul style="list-style-type: none"> Pentobarbital 	Peak serum concentrations of 1.2 - 3.1 mcg/mL were produced 0.5 - 2.0 hours after a 100 mg oral dose and peak serum concentrations of 3 mcg/mL were produced 6 min. following a 100 mg IV dose. Potentially toxic at blood concentrations greater than 10 mcg/mL.
4450SP	Thiopental and Metabolite, Serum/Plasma <ul style="list-style-type: none"> Pentobarbital 	Peak serum concentrations of 1.2 - 3.1 mcg/mL were produced 0.5 - 2.0 hours after a 100 mg oral dose and peak serum concentrations of 3 mcg/mL were produced 6 min. following a 100 mg IV dose. Potentially toxic at blood concentrations greater than 10 mcg/mL.

Changes effective:
July 13, 2009

NMS Labs
3701 Welsh Road, Willow Grove, PA 19090
800-522-6671
nms@nmslabs.com



REFERENCE COMMENT CHANGES

Test Code	Test Name / Compound	New Reference Comment
8636SP	Thiopental and Metabolite, Serum/Plasma <ul style="list-style-type: none">Pentobarbital	Peak serum concentrations of 1.2 - 3.1 mcg/mL were produced 0.5 - 2.0 hours after a 100 mg oral dose and peak serum concentrations of 3 mcg/mL were produced 6 min. following a 100 mg IV dose. Potentially toxic at blood concentrations greater than 10 mcg/mL.
4450U	Thiopental and Metabolite, Urine <ul style="list-style-type: none">Pentobarbital	Less than 1% of a dose is eliminated in the urine as unchanged drug.
8636U	Thiopental and Metabolite, Urine <ul style="list-style-type: none">Pentobarbital	Less than 1% of a dose is eliminated in the urine as unchanged drug.