



April 2, 2007

Dear Valued Client:

In our continuing effort to provide you with the highest quality toxicology laboratory services available, we have compiled the enclosed packet of important changes regarding a number of tests we perform. Listed below are the types of changes included in this packet.

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
Reference Comment	Tests that have had changes to the reference comment

Please be advised that the new tests listed are available immediately. All other changes listed in this packet will go into effect on **July 9, 2007**. Please use this packet of information to update your computer systems/records. These changes are important to ensure standardization of our mutual laboratory databases.

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	Units	Scope	Specimen Reqs	Discontinued	Reference Comment	Misc.
0960ME	Cannabinoids Panel, Meconium				•				
0960SP	Cannabinoids Panel, Serum/Plasma				•				
1812SP	Donepezil, Serum/Plasma	•							
1957SP	Ethacrynic Acid, Serum/Plasma							•	
1968B	Eszopiclone/Zopiclone, Blood	•							
1968SP	Eszopiclone/Zopiclone, Serum/Plasma	•							
1968TI	Eszopiclone/Zopiclone, Tissue	•							
1968U	Eszopiclone/Zopiclone, Urine	•							
2242U	Heavy Metals, Urine							•	
2243U	Heavy Metals, Urine							•	
2661U	Metals/Metalloids Panel 1, Urine							•	
6378U	Exposure Panel, Urine							•	
8272B	Cannabinoids Panel, Blood (Forensic)				•				
8272SP	Cannabinoids Panel, Serum/Plasma (Forensic)				•				
8272TI	Cannabinoids Panel, Tissue (Forensic)				•				

Changes effective:
July 9, 2007

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NEW TESTS

Test Code	Test Name	Reporting Limit	Units	Method / CPT Code
1812SP	Donepezil, Serum/Plasma			
	Scope of Analysis: Donepezil	1.0	ng/mL	82542
	Reference Comment: Acetylcholinesterase inhibition (50%-90%) has been observed at steady-state plasma concentrations between 15 - 50 ng/mL. Steady-state levels are achieved after approximately 2 weeks of daily dosing.			
	Specimen Requirements: 1 mL Serum or Plasma			
	Collection Notes: The use of serum separator tubes is not acceptable. Submission of a serum separator tube will result in cancellation.			
	Stability: Ambient: 18 days Refrigerated: 18 days Frozen (-20 C): 18 months			
1968B	Eszopiclone/Zopiclone, Blood			
	Scope of Analysis: Eszopiclone/Zopiclone	2.0	ng/mL	82542
	Reference Comment: This test is not Chiral specific. Patients who have taken Racemic Zopiclone (not approved in the US), as opposed to Eszopiclone (Lunesta®), within the past day may have falsely elevated values. A single 3 mg Eszopiclone oral dose produced peak serum concentrations of 20 to 30 ng/mL within 2 hours. Once daily 2 mg Eszopiclone oral doses given to elderly adults for 7 days resulted in a peak serum concentrations of approximately 15 ng/mL.			
	Specimen Requirements: 1 mL Blood			
	Collection Notes: Freeze and ship frozen. Failure to submit a frozen sample will result in cancellation.			
	Stability: Ambient: not stable Refrigerated: not stable Frozen (-20 C): 2 weeks			

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July 9, 2007

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NEW TESTS

Test Code	Test Name	Reporting Limit	Units	Method / CPT Code
1968SP	Eszopiclone/Zopiclone, Serum/Plasma			
	Scope of Analysis: Eszopiclone/Zopiclone	2.0	ng/mL	82542
	Reference Comment: This test is not Chiral specific. Patients who have taken Racemic Zopiclone (not approved in the US), as opposed to Eszopiclone (Lunesta®), within the past day may have falsely elevated values.			
	A single 3 mg Eszopiclone oral dose produced peak serum concentrations of 20 to 30 ng/mL within 2 hours.			
	Once daily 2 mg Eszopiclone oral doses given to elderly adults for 7 days resulted in a peak serum concentrations of approximately 15 ng/mL.			
	Specimen Requirements: 1 mL Serum or Plasma			
	Collection Notes: Freeze and ship frozen. Failure to submit a frozen sample will result in cancellation. The use of serum separator tubes is not acceptable. Submission of a serum separator tube will result in cancellation.			
	Stability: Ambient: not stable Refrigerated: not stable Frozen (-20 C): 2 weeks			
1968TI	Eszopiclone/Zopiclone, Tissue			
	Scope of Analysis: Eszopiclone/Zopiclone	2.0	ng/g	82542
	Reference Comment: This test is not Chiral specific. Patients who have taken Racemic Zopiclone (not approved in the US), as opposed to Eszopiclone (Lunesta®), within the past day may have falsely elevated values.			
	Specimen Requirements: 1 g Tissue			
	Collection Notes: Freeze and ship frozen. Failure to submit a frozen sample will result in cancellation.			
	Stability: Ambient: not stable Refrigerated: not stable Frozen (-20 C): 2 weeks			
1968U	Eszopiclone/Zopiclone, Urine			
	Scope of Analysis: Eszopiclone/Zopiclone	2.0	ng/mL	82542
	Reference Comment: This test is not Chiral specific. Patients who have taken Racemic Zopiclone (not approved in the US), as opposed to Eszopiclone (Lunesta®), within the past day may have falsely elevated values.			
	Specimen Requirements: 1 mL Urine			
	Collection Notes: Freeze and ship frozen. Failure to submit a frozen sample will result in cancellation.			
	Stability: Ambient: not stable Refrigerated: not stable Frozen (-20 C): 2 weeks			

Changes effective:
July 9, 2007

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TEST CHANGES

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

Test Code	Test Name	Unit	Method / CPT Code
0960ME	Cannabinoids Panel, Meconium Delta-9 Carboxy THC 11-Hydroxy Delta-9 THC Summary of Changes For Quality Improvement purposes the following changes were made. 11-Hydroxy THC was removed. 11-Hydroxy Delta-9 THC was added.		
0960SP	Cannabinoids Panel, Serum/Plasma Delta-9 THC Delta-9 Carboxy THC 11-Hydroxy Delta-9 THC Summary of Changes For Quality Improvement purposes the following changes were made. 11-Hydroxy THC was removed. 11-Hydroxy Delta-9 THC was added.		
8272B	Cannabinoids Panel, Blood (Forensic) Cannabinoids Delta-9 THC Delta-9 Carboxy THC 11-Hydroxy Delta-9 THC Summary of Changes For Quality Improvement purposes the following changes were made. 11-Hydroxy THC was removed. 11-Hydroxy Delta-9 THC was added.		
8272SP	Cannabinoids Panel, Serum/Plasma (Forensic) Cannabinoids Delta-9 THC Delta-9 Carboxy THC 11-Hydroxy Delta-9 THC Summary of Changes For Quality Improvement purposes the following changes were made. 11-Hydroxy THC was removed. 11-Hydroxy Delta-9 THC was added.		
8272TI	Cannabinoids Panel, Tissue (Forensic) Cannabinoids Delta-9 THC Delta-9 Carboxy THC 11-Hydroxy Delta-9 THC Summary of Changes For Quality Improvement purposes the following changes were made. 11-Hydroxy THC was removed. 11-Hydroxy Delta-9 THC was added.		

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REFERENCE COMMENT CHANGES

Test Code	Test Name / Compound	New Reference Comment
1957SP	Ethacrynic Acid, Serum/Plasma <ul style="list-style-type: none">Ethacrynic Acid	No reference data available.
6378U	Exposure Panel, Urine <ul style="list-style-type: none">Mercury (Creatinine corrected)	Biological Exposure Index (ACGIH): 35 mcg/g Creatinine measured in a pre shift specimen. Various states require that levels above certain cutoffs must be reported to the state in which the patient resides. Please contact us if you need assistance in supplying your state with the required information.
2242U	Heavy Metals, Urine <ul style="list-style-type: none">Mercury (Creatinine corrected)	Biological Exposure Index (ACGIH): 35 mcg/g Creatinine measured in a pre shift specimen. Various states require that levels above certain cutoffs must be reported to the state in which the patient resides. Please contact us if you need assistance in supplying your state with the required information.
2243U	Heavy Metals, Urine <ul style="list-style-type: none">Mercury (Creatinine corrected)	Biological Exposure Index (ACGIH): 35 mcg/g Creatinine measured in a pre shift specimen. Various states require that levels above certain cutoffs must be reported to the state in which the patient resides. Please contact us if you need assistance in supplying your state with the required information.
2661U	Metals/Metalloids Panel 1, Urine <ul style="list-style-type: none">Mercury (Creatinine corrected)	Biological Exposure Index (ACGIH): 35 mcg/g Creatinine measured in a pre shift specimen. Various states require that levels above certain cutoffs must be reported to the state in which the patient resides. Please contact us if you need assistance in supplying your state with the required information.