



June 3, 2008

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
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 all changes listed in this packet will go into effect on **September 8, 2008**. 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.
3157U	Cotinine and Anabasine from Secondary Exposure, Urine		•		•	•		•	•
5123U	Cotinine Confirmation, Urine		•						
3150B	Nicotine and Metabolite, Blood		•			•		•	
3150FL	Nicotine and Metabolite, Fluid		•			•			
3150SP	Nicotine and Metabolite, Serum/Plasma		•			•		•	
3150TI	Nicotine and Metabolite, Tissue		•						
3150U	Nicotine and Metabolite, Urine		•		•				
5674B	Nicotine and Metabolite Confirmation, Blood		•			•		•	
5674SP	Nicotine and Metabolite Confirmation, Serum/Plasma		•			•		•	
5674U	Nicotine and Metabolite Confirmation, Urine		•		•				
9404B	Nicotine and Metabolite Screen, Blood		•			•		•	
9404SP	Nicotine and Metabolite Screen, Serum/Plasma		•			•		•	
9404U	Nicotine and Metabolite Screen, Urine		•		•				

NMS Labs

3701 Welsh Road, Willow Grove, PA 19090

800-522-6671

Changes effective:
September 8, 2008

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
3157U	Cotinine and Anabasine from Secondary Exposure, Urine Cotinine Anabasine	ng/mL ng/mL	LC-MS/MS (83887)
<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 Required: Not Required Special Handling: None Rejection Criteria: None</p> <p>Summary of Changes: For Quality Improvement purposes the following changes were made. Test Name was changed. Method and CPT code were changed. Requested volume was changed. Anabasine compound was added.</p>			
5123U	Cotinine Confirmation, Urine Cotinine	ng/mL	LC-MS/MS (83887)
<p>Summary of Changes: For Quality Improvement purposes the following changes were made. Method and CPT code were changed.</p>			
3150B	Nicotine and Metabolite, Blood Nicotine Cotinine	ng/mL ng/mL	LC-MS/MS (83887)
<p>Specimen Requirements: Specimen Requirements: 1 mL Blood Transport Temperature: Refrigerated Specimen Container: NMS Labs has no experimental or literature-based data regarding the choice of specific specimen collection containers for this test. Light Protection Required: Not Required Special Handling: None Rejection Criteria: None</p> <p>Summary of Changes: For Quality Improvement purposes the following changes were made. Method and CPT code were changed. Requested volume was changed.</p>			

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



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

Test Code	Test Name	Units	Method / CPT Code
3150FL	Nicotine and Metabolite, Fluid Nicotine Cotinine	ng/mL ng/mL	LC-MS/MS (83887)
<p>Specimen Requirements: Specimen Requirements: 1 mL Fluid Transport Temperature: Refrigerated Specimen Container: NMS Labs has no experimental or literature-based data regarding the choice of specific specimen collection containers for this test. Light Protection Required: Not Required Special Handling: None Rejection Criteria: None</p> <p>Summary of Changes: For Quality Improvement purposes the following changes were made. Method and CPT code were changed. Requested volume was changed.</p>			
3150SP	Nicotine and Metabolite, Serum/Plasma Nicotine Cotinine	ng/mL ng/mL	LC-MS/MS (83887)
<p>Specimen Requirements: Specimen Requirements: 1 mL Serum or Plasma Transport Temperature: Refrigerated Specimen Container: NMS Labs has no experimental or literature-based data regarding the choice of specific specimen collection containers for this test. Light Protection Required: Not Required Special Handling: Promptly centrifuge and separate Serum or Plasma into a plastic screw capped vial using approved guidelines. Rejection Criteria: None</p> <p>Summary of Changes: For Quality Improvement purposes the following changes were made. Method and CPT code were changed. Requested volume was changed.</p>			
3150TI	Nicotine and Metabolite, Tissue Nicotine Cotinine	ng/g ng/g	LC-MS/MS (80103, 83887)
<p>Summary of Changes: For Quality Improvement purposes the following changes were made. Method and CPT code were changed.</p>			
3150U	Nicotine and Metabolite, Urine Nicotine Cotinine Anabasine	ng/mL ng/mL ng/mL	LC-MS/MS (83887)
<p>Summary of Changes: For Quality Improvement purposes the following changes were made. Method and CPT code were changed. Anabasine compound was added.</p>			

The CPT Codes provided in this document are based on AMA guidelines and are for informational purposes only. NMS Labs does not assume responsibility for billing errors due to reliance on the CPT Codes listed in this document.

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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
5674B	Nicotine and Metabolite Confirmation, Blood Nicotine Cotinine Specimen Requirements: Specimen Requirements: 1 mL Blood Transport Temperature: Refrigerated Specimen Container: NMS Labs has no experimental or literature-based data regarding the choice of specific specimen collection containers for this test. Light Protection Required: Not Required Special Handling: None Rejection Criteria: None Summary of Changes: For Quality Improvement purposes the following changes were made. Method and CPT code were changed. Requested volume was changed.	ng/mL ng/mL	LC-MS/MS (83887)
5674SP	Nicotine and Metabolite Confirmation, Serum/Plasma Nicotine Cotinine Specimen Requirements: Specimen Requirements: 1 mL Serum or Plasma Transport Temperature: Refrigerated Specimen Container: NMS Labs has no experimental or literature-based data regarding the choice of specific specimen collection containers for this test. Light Protection Required: Not Required Special Handling: Promptly centrifuge and separate Serum or Plasma into a plastic screw capped vial using approved guidelines. Rejection Criteria: None Summary of Changes: For Quality Improvement purposes the following changes were made. Method and CPT code were changed. Requested volume was changed.	ng/mL ng/mL	LC-MS/MS (83887)
5674U	Nicotine and Metabolite Confirmation, Urine Nicotine Cotinine Anabasine Summary of Changes: For Quality Improvement purposes the following changes were made. Method and CPT code were changed. Anabasine compound was added.	ng/mL ng/mL ng/mL	LC-MS/MS (83887)

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TEST CHANGES

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

Test Code	Test Name	Units	Method / CPT Code
9404B	Nicotine and Metabolite Screen, Blood Nicotine Cotinine	ng/mL ng/mL	LC-MS/MS (83887)
<p>Specimen Requirements: Specimen Requirements: 2 mL Blood Transport Temperature: Refrigerated Specimen Container: NMS Labs has no experimental or literature-based data regarding the choice of specific specimen collection containers for this test. Light Protection Required: Not Required Special Handling: None Rejection Criteria: None</p> <p>Summary of Changes: For Quality Improvement purposes the following changes were made. Method and CPT code were changed. Requested volume was changed.</p>			
9404SP	Nicotine and Metabolite Screen, Serum/Plasma Nicotine Cotinine	ng/mL ng/mL	LC-MS/MS (83887)
<p>Specimen Requirements: Specimen Requirements: 2 mL Serum or Plasma Transport Temperature: Refrigerated Specimen Container: NMS Labs has no experimental or literature-based data regarding the choice of specific specimen collection containers for this test. Light Protection Required: Not Required Special Handling: Promptly centrifuge and separate Serum or Plasma into a plastic screw capped vial using approved guidelines. Rejection Criteria: None</p> <p>Summary of Changes: For Quality Improvement purposes the following changes were made. Method and CPT code were changed. Requested volume was changed.</p>			
9404U	Nicotine and Metabolite Screen, Urine Nicotine Cotinine Anabasine	ng/mL ng/mL ng/mL	LC-MS/MS (83887)
<p>Summary of Changes: For Quality Improvement purposes the following changes were made. Method and CPT code were changed. Anabasine compound was added.</p>			

REFERENCE COMMENT CHANGES

Test Code	Test Name / Compound	New Reference Comment
3157U	Cotinine and Anabasine from Secondary Exposure, Urine <ul style="list-style-type: none"> Cotinine 	Reported urine Cotinine concentrations: <5 ng/mL in non-smokers with no secondary smoke exposure, 5 - 50 ng/mL in non-smokers with secondary exposure to smoke, <50 ng/mL in abstinent smokers following a 2 week abstinence.
3150B	Nicotine and Metabolite, Blood <ul style="list-style-type: none"> Nicotine Cotinine 	<p>Nicotine concentrations from use of tobacco products and/or nicotine replacement therapy: 5 - 50 ng/mL.</p> <p>Cotinine concentrations from use of tobacco products and/or nicotine replacement therapy: 100 - 1200 ng/mL.</p>
3150SP	Nicotine and Metabolite, Serum/Plasma <ul style="list-style-type: none"> Nicotine Cotinine 	<p>Nicotine concentrations from use of tobacco products and/or nicotine replacement therapy: 5 - 50 ng/mL.</p> <p>Cotinine concentrations from use of tobacco products and/or nicotine replacement therapy: 100 - 1200 ng/mL.</p>
5674B	Nicotine and Metabolite Confirmation, Blood <ul style="list-style-type: none"> Nicotine Cotinine 	<p>Nicotine concentrations from use of tobacco products and/or nicotine replacement therapy: 5 - 50 ng/mL.</p> <p>Cotinine concentrations from use of tobacco products and/or nicotine replacement therapy: 100 - 1200 ng/mL.</p>
5674SP	Nicotine and Metabolite Confirmation, Serum/Plasma <ul style="list-style-type: none"> Nicotine Cotinine 	<p>Nicotine concentrations from use of tobacco products and/or nicotine replacement therapy: 5 - 50 ng/mL.</p> <p>Cotinine concentrations from use of tobacco products and/or nicotine replacement therapy: 100 - 1200 ng/mL.</p>

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REFERENCE COMMENT CHANGES

Test Code	Test Name / Compound	New Reference Comment
9404B	Nicotine and Metabolite Screen, Blood <ul style="list-style-type: none">NicotineCotinine	Nicotine concentrations from use of tobacco products and/or nicotine replacement therapy: 5 - 50 ng/mL. Cotinine concentrations from use of tobacco products and/or nicotine replacement therapy: 100 - 1200 ng/mL.
9404SP	Nicotine and Metabolite Screen, Serum/Plasma <ul style="list-style-type: none">NicotineCotinine	Nicotine concentrations from use of tobacco products and/or nicotine replacement therapy: 5 - 50 ng/mL. Cotinine concentrations from use of tobacco products and/or nicotine replacement therapy: 100 - 1200 ng/mL.