



Effective Date:
Monday, July 13, 2015

Test Updates

In our continuing effort to provide you with the highest quality toxicology laboratory services available, we have compiled important changes regarding a number of tests we perform. Listed below are the types of changes that may be included in this notification, effective Monday, July 13, 2015

Test Changes - Tests that have had changes to the method/ CPT code, units of measurement, scope of analysis, reference comments, or specimen requirements.

Discontinued Tests - Tests being discontinued with alternate testing suggestions.

Please use this 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 notification, 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.

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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Test Updates

Test Code	Test Name	Test Name	Method / CPT Code	Specimen Req.	Stability	Scope	Units	Reference Comments	Discontinue
0268SP	Aminobenzoic Acid, Serum/Plasma								•
0455U	Aromatic Primary Amines Exposure, Urine								•
0556B	Benzidine, Blood								•
7625SP	Cortisol, Serum/Plasma			•	•			•	
7654SP	Cortisol, Serum/Plasma (CSA)			•	•				
54259B	Lamotrigine Confirmation (Drug Impaired Driving/DRE Toxicology), Blood (Forensic)							•	
54259SP	Lamotrigine Confirmation (Drug Impaired Driving/DRE Toxicology), Serum/Plasma (Forensic)							•	
54259U	Lamotrigine Confirmation (Drug Impaired Driving/DRE Toxicology), Urine (Forensic)							•	
52059B	Lamotrigine Confirmation, Blood (Forensic)							•	
52059FL	Lamotrigine Confirmation, Fluid (Forensic)							•	
52059SP	Lamotrigine Confirmation, Serum/Plasma (Forensic)							•	
52059TI	Lamotrigine Confirmation, Tissue (Forensic)							•	
52059U	Lamotrigine Confirmation, Urine (Forensic)							•	
2484B	Lamotrigine, Blood							•	
2484SP	Lamotrigine, Serum/Plasma							•	
2484U	Lamotrigine, Urine							•	



Test Updates

Test Changes

7654SP Cortisol, Serum/Plasma (CSA)

Summary of Changes: Specimen Requirements (Rejection Criteria) were changed.
Stability was changed.

Specimen Requirements: 1 mL Serum or Plasma
 Transport Temperature: Refrigerated
 Specimen Container: Green top tube (Sodium Heparin), Lavender top tube (EDTA), Light Green top tube (Lithium Heparin), Pink top tube (EDTA), Polymer gel separation tube (SST or PST), Red top tube (no additive)
 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.
 Stability: Room Temperature: 1 day(s)
 Refrigerated: 30 day(s)
 Frozen (-20 °C): 30 day(s)

7625SP Cortisol, Serum/Plasma

Summary of Changes: Specimen Requirements (Rejection Criteria) were changed.
Stability was changed.
Reference Comment was changed.

Specimen Requirements: 1 mL Serum or Plasma
 Transport Temperature: Refrigerated
 Specimen Container: Green top tube (Sodium Heparin), Lavender top tube (EDTA), Light Green top tube (Lithium Heparin), Pink top tube (EDTA), Polymer gel separation tube (SST or PST), Red top tube (no additive)
 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.
 Stability: Room Temperature: 1 day(s)
 Refrigerated: 30 day(s)
 Frozen (-20 °C): 30 day(s)
 Scope of Analysis: LC-MS/MS (82533): Cortisol
 Method (CPT Code)

Compound Name	Units	Reference Comment
Cortisol	mcg/dL	Reference intervals for patients: Age 18 years and above: AM: 4.6 - 20.6 mcg/dL PM: 1.8 - 13.6 mcg/dL Stimulation 30-60 Minutes post 0.25 mg Cosyntropin IV: Greater than 20.0 mcg/dL



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Test Changes

Compound Name	Units	Reference Comment
		Reference intervals for pediatric, AM: Age 1-12 months: 4.6 - 23.0 mcg/dL Age 1-5 years: 6.0 - 25.0 mcg/dL Age 6-17 years: 4.6 - 15.0 mcg/dL
		Reference intervals for pediatric, Stimulation 30-60 Minutes post 0.25 mg Cosyntropin IV: Age 1-12 months: 32.0 - 60.0 mcg/dL Age 1-5 years: 22.0 - 40.0 mcg/dL Age 6-17 years: 17.0 - 28.0 mcg/dL

54259B Lamotrigine Confirmation (Drug Impaired Driving/DRE Toxicology), Blood (Forensic)

Summary of Changes: Reference Comment was changed.

Scope of Analysis: HPLC (80175): Lamotrigine
Method (CPT Code)

Compound Name	Units	Reference Comment
Lamotrigine	mcg/mL	A therapeutic range of 3-14 mcg/mL has been proposed, but pharmacokinetics can vary with the administration of other antiepileptic drugs. The blood/plasma ratio for lamotrigine is not known. Substance(s) known to interfere with the identity and/or quantity of the reported result: 10-hydroxycarbazepine, Felbamate, Lidocaine, Rufinamide.

54259SP Lamotrigine Confirmation (Drug Impaired Driving/DRE Toxicology), Serum/Plasma (Forensic)

Summary of Changes: Reference Comment was changed.

Scope of Analysis: HPLC (80175): Lamotrigine
Method (CPT Code)

Compound Name	Units	Reference Comment
Lamotrigine	mcg/mL	A therapeutic range of 3-14 mcg/mL has been proposed, but pharmacokinetics can vary with the administration of other antiepileptic drugs. Substance(s) known to interfere with the identity and/or quantity of the reported result: 10-hydroxycarbazepine, Felbamate, Lidocaine, Rufinamide.



Test Updates

Test Changes

54259U Lamotrigine Confirmation (Drug Impaired Driving/DRE Toxicology), Urine (Forensic)

Summary of Changes: Reference Comment was changed.

Scope of Analysis: HPLC (80175): Lamotrigine
Method (CPT Code)

Compound Name	Units	Reference Comment
Lamotrigine	mcg/mL	Lamotrigine is extensively metabolized with an average of 70% of a single dose eliminated in urine over 6 days with about 8% present as parent drug. Substance(s) known to interfere with the identity and/or quantity of the reported result: 10-hydroxycarbazepine, Felbamate, Lidocaine, Rufinamide.

52059B Lamotrigine Confirmation, Blood (Forensic)

Summary of Changes: Reference Comment was changed.

Scope of Analysis: HPLC (80175): Lamotrigine
Method (CPT Code)

Compound Name	Units	Reference Comment
Lamotrigine	mcg/mL	A therapeutic range of 3-14 mcg/mL has been proposed, but pharmacokinetics can vary with the administration of other antiepileptic drugs. The blood/plasma ratio for lamotrigine is not known. Substance(s) known to interfere with the identity and/or quantity of the reported result: 10-hydroxycarbazepine, Felbamate, Lidocaine, Rufinamide.

52059FL Lamotrigine Confirmation, Fluid (Forensic)

Summary of Changes: Reference Comment was changed.

Scope of Analysis: HPLC (80175): Lamotrigine
Method (CPT Code)

Compound Name	Units	Reference Comment
Lamotrigine	mcg/mL	Substance(s) known to interfere with the identity and/or quantity of the reported result: 10-hydroxycarbazepine, Felbamate, Lidocaine, Rufinamide.



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52059SP Lamotrigine Confirmation, Serum/Plasma (Forensic)

Summary of Changes: Reference Comment was changed.

Scope of Analysis: HPLC (80175): Lamotrigine
Method (CPT Code)

Compound Name	Units	Reference Comment
Lamotrigine	mcg/mL	A therapeutic range of 3-14 mcg/mL has been proposed, but pharmacokinetics can vary with the administration of other antiepileptic drugs. Substance(s) known to interfere with the identity and/or quantity of the reported result: 10-hydroxycarbazepine, Felbamate, Lidocaine, Rufinamide.

52059TI Lamotrigine Confirmation, Tissue (Forensic)

Summary of Changes: Reference Comment was changed.

Scope of Analysis: HPLC (80175): Lamotrigine
Method (CPT Code)

Compound Name	Units	Reference Comment
Lamotrigine	mcg/g	Substance(s) known to interfere with the identity and/or quantity of the reported result: 10-hydroxycarbazepine, Felbamate, Lidocaine, Rufinamide.

52059U Lamotrigine Confirmation, Urine (Forensic)

Summary of Changes: Reference Comment was changed.

Scope of Analysis: HPLC (80175): Lamotrigine
Method (CPT Code)

Compound Name	Units	Reference Comment
Lamotrigine	mcg/mL	Lamotrigine is extensively metabolized with an average of 70% of a single dose eliminated in urine over 6 days with about 8% present as parent drug. Substance(s) known to interfere with the identity and/or quantity of the reported result: 10-hydroxycarbazepine, Felbamate, Lidocaine, Rufinamide.

2484B Lamotrigine, Blood



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Test Updates

Test Changes

Summary of Changes: Reference Comment was changed.

Scope of Analysis: HPLC (80175): Lamotrigine
Method (CPT Code)

Compound Name	Units	Reference Comment
Lamotrigine	mcg/mL	<p>A therapeutic range of 3-14 mcg/mL has been proposed, but pharmacokinetics can vary with the administration of other antiepileptic drugs.</p> <p>The blood/plasma ratio for lamotrigine is not known.</p> <p>Substance(s) known to interfere with the identity and/or quantity of the reported result: 10-hydroxycarbazepine, Felbamate, Lidocaine, Rufinamide.</p>

2484SP Lamotrigine, Serum/Plasma

Summary of Changes: Reference Comment was changed.

Scope of Analysis: HPLC (80175): Lamotrigine
Method (CPT Code)

Compound Name	Units	Reference Comment
Lamotrigine	mcg/mL	<p>A therapeutic range of 3-14 mcg/mL has been proposed, but pharmacokinetics can vary with the administration of other antiepileptic drugs.</p> <p>Substance(s) known to interfere with the identity and/or quantity of the reported result: 10-hydroxycarbazepine, Felbamate, Lidocaine, Rufinamide.</p>

2484U Lamotrigine, Urine

Summary of Changes: Reference Comment was changed.

Scope of Analysis: HPLC (80175): Lamotrigine
Method (CPT Code)



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Test Changes

Compound Name	Units	Reference Comment
Lamotrigine	mcg/mL	<p>Lamotrigine is extensively metabolized with an average of 70% of a single dose eliminated in urine over 6 days with about 8% present as parent drug.</p> <p>Substance(s) known to interfere with the identity and/or quantity of the reported result: 10-hydroxycarbazepine, Felbamate, Lidocaine, Rufinamide.</p>



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Test Updates

Discontinued Tests

Test Code	Test Name	Alternative Test
0268SP	Aminobenzoic Acid, Serum/Plasma	No Alternate Tests Available
0455U	Aromatic Primary Amines Exposure, Urine	No Alternate Tests Available
0556B	Benzidine, Blood	No Alternate Tests Available