



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, January 10, 2011

New Tests - Tests recently added to the NMS Labs test menu. New Tests are effective immediately.

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.

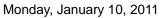
The CPT Codes provided in this document are based on AMA guidelines and are for informational purposes only. NMS Labs does not assume responsibility for billing errors due to reliance on the CPT Codes listed in this document.



| Test Code | Test Name | New Test | Test Name | Method / CPT Code | Specimen Req. | Stability | Scope | Units | Reference Comments | Discontinue |
|--------------|---|-------------|--------------|----------------------|------------------|-----------|-------|-------|-----------------------|-------------|
| 0185B | Alcohol Confirmation, Blood | | | | | | | | | • |
| 0185SP | Alcohol Confirmation, Serum/Plasma | | | | | | | | | • |
| 5684ST | Amphetamines Confirmation (Qualitative), Stool | | • | | | | | | | |
| 9523U | Antidepressant Screen, Urine (Study) | | | | | | | | | • |
| 5651ST | Barbiturates Confirmation (Qualitative), Stool | | • | | | | | | | |
| 5641ST | Benzodiazepines Confirmation (Qualitative), Stool | | • | | | | | | | |
| 3037U | Butyl-Tins, Urine | | | | | | | | | • |
| 5646ST | Cannabinoids Confirmation (Qualitative), Stool | | • | | | | | | | |
| 1287B | Clozapine and Metabolite, Blood | | | • | | | | | | |
| 1287FL | Clozapine and Metabolite, Fluid | | | • | | | | | | |
| 1287SP | Clozapine and Metabolite, Serum/Plasma | | | • | | | | | | |
| 1287TI | Clozapine and Metabolite, Tissue | | | • | | | | | | |
| 1287U | Clozapine and Metabolite, Urine | | | • | | | | | | |
| 5637ST | Cocaine and Metabolites Confirmation (Qualitative), Stool | | • | | | | | | | |
| 1916FL | Electrolytes Panel, Fluid | | | | | | | | | • |
| 2148B | Galantamine, Blood | • | | | | | | | | |
| 2148SP | Galantamine, Serum/Plasma | • | | | | | | | | |
| 2148U | Galantamine, Urine | • | | | | | | | | |
| 7027FL | Glucose, Fluid | | | | | | | | | • |
| 2406B | Indium, Blood | | | | • | | | | | |
| 2406R | Indium, RBCs | | | | • | | | | | |
| 5682ST | Methadone and Metabolite Confirmation (Qualitative), Stool | | • | | | | | | | |
| 5698ST | Opiates - Total (Conjugated/Unconjugated) Confirmation (Qualitative), Stool | | • | | | | | | | |
| 5657ST | Phencyclidine Confirmation (Qualitative), Stool | | • | | | | | | | |
| 5633ST | Propoxyphene and Metabolite Confirmation (Qualitative), Stool | | • | | | | | | | |
| 4125SP | Rufinamide, Serum/Plasma | | | | | | | | • | |
| 4305B | Tacrine, Blood | • | | | | | | | | |
| 4305SP | Tacrine, Serum/Plasma | | | • | | | | | | |
| 4305U | Tacrine, Urine | • | | | | | | | | |



| Test Code | Test Name | New Test | Test Name | Method / CPT Code | Stability | Scope | Reference Comments | Discontinue |
|--------------|--------------------------|-------------|--------------|----------------------|-----------|-------|-----------------------|-------------|
| 4303SP | Talwin® Nx, Serum/Plasma | • | | | | | | |
| 4303U | Talwin® Nx, Urine | • | | | | | | |
| 4512U | Toluene Exposure, Urine | | | | | | | • |





New Tests

2148B Galantamine, Blood Effective Immediately

Scope of Analysis: Galantamine [LC-MS/MS]

Method(s): High Performance Liquid Chromatography/Tandem Mass Spectrometry (LC-MS/MS)

Purpose: Therapeutic Drug Monitoring

Category: Cognitive Adjuvant

Specimen Requirements: 1 mL Blood
Minimum Volume: 0.4 ml

Minimum Volume: 0.4 mL Special Handling: None

Specimen Container: Gray top tube (Sodium Fluoride / Potassium Oxalate)

Transport Temperature: Refrigerated
Light Protection: Not Required

Rejection Criteria: None

Stability: Room Temperature: 30 day(s)

Refrigerated: 30 day(s) Frozen (-20 °C): 30 day(s)

Method: High Performance Liquid Chromatography/Tandem Mass Spectrometry

(LC-MS/MS)

Set-Up Days / TAT: Tuesday 2 days (after set-up)

CPT Code: 83789

 Compound Name / Alias
 Units
 RL
 Reference Comment

 Galantamine
 ng/mL
 1
 Following a single 4 mg dose of the immediate-release

Galanthamine; Lycoremine; NSC-100058;

Razadyne ER®; Razadyne®

tablet, mean peak plasma concentrations were reported to range from 16 - 28 ng/mL (within about 2 hours).

Following a single 8 mg dose of the immediate-release tablet, mean peak plasma concentrations were reported to range from 39 - 56 ng/mL (within about 2 hours).

Steady-state mean peak plasma concentrations using the 16 mg extended-release capsule were reported to range from 43 - 62 ng/mL (at a peak time of 3.5 - 5.7 hours).

Effective Immediately

The blood to plasma concentration ratio for galantamine is 1.2.

2148SP Galantamine, Serum/Plasma

Scope of Analysis: Galantamine [LC-MS/MS]

Method(s): High Performance Liquid Chromatography/Tandem Mass Spectrometry (LC-MS/MS)

Purpose: Therapeutic Drug Monitoring

Category: Cognitive Adjuvant

Specimen Requirements: 1 mL Serum or Plasma

Minimum Volume: 0.4 mL

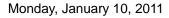
Special Handling: Serum: Collect sample in Red top tube

Plasma: Collect sample in Lavender top tube (EDTA) or Pink top tube.

Promptly centrifuge and separate Serum or Plasma into a plastic screw capped vial using approved

guidelines.

Specimen Container: Plastic container (preservative-free)





New Tests

Transport Temperature: Refrigerated

Light Protection: Not Required

Rejection Criteria: Polymer gel separation tube (SST or PST).

Stability: Room Temperature: 30 day(s)

Refrigerated: 30 day(s) Frozen (-20 °C): 30 day(s)

Method: High Performance Liquid Chromatography/Tandem Mass Spectrometry

(LC-MS/MS)

Set-Up Days / TAT: Tuesday 2 days (after set-up)

CPT Code: 83789

Compound Name / Alias Units RL **Reference Comment** Galantamine ng/mL Following a single 4 mg dose of the immediate-release Galanthamine; Lycoremine; NSC-100058; tablet, mean peak plasma concentrations were Razadyne ER®; Razadyne® reported to range from 16 - 28 ng/mL (within about 2 hours). Following a single 8 mg dose of the immediate-release tablet, mean peak plasma concentrations were reported to range from 39 - 56 ng/mL (within about 2 hours). Steady-state mean peak plasma concentrations using

2148U Galantamine, Urine

Effective Immediately

Scope of Analysis: Galantamine [LC-MS/MS]

Method(s): High Performance Liquid Chromatography/Tandem Mass Spectrometry (LC-MS/MS)

Purpose: Compliance Monitoring Category: Cognitive Adjuvant

Specimen Requirements: 1 mL Urine
Minimum Volume: 0.4 mL
Special Handling: None

Specimen Container: Plastic container (preservative-free)

Transport Temperature: Refrigerated Light Protection: Not Required

Rejection Criteria: None

Stability: Room Temperature: 14 day(s)

Refrigerated: 30 day(s) Frozen (-20 °C): 30 day(s)

Method: High Performance Liquid Chromatography/Tandem Mass Spectrometry

(LC-MS/MS)

Set-Up Days / TAT: Tuesday 2 days (after set-up)

CPT Code: 83789

Compound Name / Alias Units RL Reference Comment

ng/mL

Galantamine Galanthamine; Lycoremine; NSC-100058;

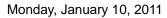
Razadyne ER®; Razadyne®

Galantamine is eliminated mainly through the urine. After oral administration, about 20% of a dose is excreted unchanged in the urine in 24 hours. No other quantitative reference data for urine are

the 16 mg extended-release capsule were reported to range from 43 - 62 ng/mL (at a peak time of 3.5 - 5.7

available.

hours).





is not known for this compound.

New Tests

4305B Tacrine, Blood Effective Immediately

Scope of Analysis: Tacrine [LC-MS/MS]

Method(s): High Performance Liquid Chromatography/Tandem Mass Spectrometry (LC-MS/MS)

Purpose: Therapeutic Drug Monitoring

Category: Cognitive Adjuvant

Specimen Requirements: 1 mL Blood
Minimum Volume: 0.4 mL

Special Handling: None

Specimen Container: Lavender top tube (EDTA)

Transport Temperature: Refrigerated

Light Protection: Not Required

Rejection Criteria: None

Stability: Room Temperature: 30 day(s)

Refrigerated: 30 day(s) Frozen (-20 °C): 30 day(s)

Method: High Performance Liquid Chromatography/Tandem Mass Spectrometry

(LC-MS/MS)

Set-Up Days / TAT: Thursday 2 days (after set-up)

CPT Code: 83789

Tacrine
Cognex®; Tetrahydroaminoacridine (THA)

Tacrine
Cognex®; Tetrahydroaminoacridine (THA)

Tognex®; Tetrahydroaminoacridine (THA)

4305U Tacrine, Urine Effective Immediately

Scope of Analysis: Tacrine [LC-MS/MS]

Method(s): High Performance Liquid Chromatography/Tandem Mass Spectrometry (LC-MS/MS)

Purpose: Therapeutic Drug Monitoring

Category: Cognitive Adjuvant

Specimen Requirements: 1 mL Urine
Minimum Volume: 0.4 mL
Special Handling: None

Specimen Container: Plastic container (preservative-free)

Transport Temperature: Refrigerated
Light Protection: Not Required
Rejection Criteria: None

Stability: Room Temperature: 30 day(s)

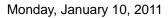
Refrigerated: 30 day(s) Frozen (-20 °C): 30 day(s)

Method: High Performance Liquid Chromatography/Tandem Mass Spectrometry

(LC-MS/MS)

Set-Up Days / TAT: Thursday 2 days (after set-up)

CPT Code: 83789





New Tests

 Compound Name / Alias
 Units
 RL
 Reference Comment

 Tacrine
 ng/mL
 1
 No reference data available.

Cognex®; Tetrahydroaminoacridine (THA)

4303SP Talwin® Nx, Serum/Plasma

Effective Immediately

Scope of Analysis: Naloxone - Free [LC-MS/MS], Pentazocine - Free [GC]

Method(s): Gas Chromatography (GC)

High Performance Liquid Chromatography/Tandem Mass Spectrometry (LC-MS/MS)

Purpose: Therapeutic Drug Monitoring

Category: Narcotic Analgesic

Specimen Requirements: 4 mL Serum or Plasma

Minimum Volume: 1.9 mL

Special Handling: Serum: Collect sample in Red top tube

Plasma: Collect sample in Lavender top tube (EDTA) or Pink top tube.

Promptly centrifuge and separate Serum or Plasma into a plastic screw capped vial using approved

guidelines.

Specimen Container: Plastic container (preservative-free)

Transport Temperature: Refrigerated
Light Protection: Not Required

Rejection Criteria: Polymer gel separation tube (SST or PST).

Stability: Room Temperature: 7 day(s) Refrigerated: 10 day(s) Frozen (-20 °C): 30 day(s)

Method: High Performance Liquid Chromatography/Tandem Mass Spectrometry

(LC-MS/MS)

Set-Up Days / TAT: Monday Wednesday Friday 3 days (after set-up)

CPT Code: 83925

| Compound Name / Alias | Units | RL | Reference Comment | _ |
|-----------------------|-------|-----|---|---|
| Naloxone - Free | ng/mL | 0.5 | No data have been published on the blood, serum or plasma concentrations of naloxone following administration of Talwin® Nx. Following sublingual administration of 1 mg of naloxone formulated with buprenorphine, the mean maximum plasma naloxone concentration was 0.12 +/- 0.05 ng/mL. | - |

Method: Gas Chromatography (GC)

Set-Up Days / TAT: Monday-Friday 2 days (after set-up)

CPT Code: 83925

| Compound Name / Alias | Units | RL | Reference Comment |
|-----------------------|-------|----|---|
| Pentazocine - Free | ng/mL | 10 | Following a 75 mg oral dose of pentazocine, |
| | | | plasma concentrations averaged |
| | | | 160 ng/mL in 2 to 3 hours. |

4303U Talwin® Nx, Urine Effective Immediately

Scope of Analysis: Naloxone - Total [LC-MS/MS], Pentazocine - Total [GC]

Method(s): Gas Chromatography (GC)

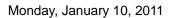
High Performance Liquid Chromatography/Tandem Mass Spectrometry (LC-MS/MS)

Purpose: Compliance Monitoring
Category: Narcotic Analgesic

Specimen Requirements: 2 mL Urine

Minimum Volume: 1 mL Special Handling: None

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New Tests

Specimen Container: Plastic container (preservative-free)

Transport Temperature: Refrigerated
Light Protection: Not Required

Rejection Criteria: None

Stability: Room Temperature: 7 day(s)

Refrigerated: 10 day(s) Frozen (-20 °C): 1 month(s)

Method: High Performance Liquid Chromatography/Tandem Mass Spectrometry

(LC-MS/MS)

Set-Up Days / TAT: Tuesday Thursday 4 days (after set-up)

CPT Code: 83925

 Compound Name / Alias
 Units
 RL
 Reference Comment

 Naloxone - Total
 ng/mL
 5
 No reference urine concentration data are available for Talwin® Nx.

Method: Gas Chromatography (GC)

Set-Up Days / TAT: Monday-Friday 2 days (after set-up)

CPT Code: 83925

 Compound Name / Alias
 Units
 RL
 Reference Comment

 Pentazocine - Total
 ng/mL
 40
 No reference urine concentration data are available for Talwin® Nx.



Test Changes

5684ST Amphetamines Confirmation (Qualitative), Stool

Summary of Changes: Test Name was changed.

5651ST Barbiturates Confirmation (Qualitative), Stool

Summary of Changes: Test Name was changed.

5641ST Benzodiazepines Confirmation (Qualitative), Stool

Summary of Changes: Test Name was changed.

5646ST Cannabinoids Confirmation (Qualitative), Stool

Summary of Changes: Test Name was changed.

1287B Clozapine and Metabolite, Blood

Summary of Changes: Methods/CPT Codes were changed [LC-MS/MS (83789)]

Scope of Analysis: LC-MS/MS (83789): Clozapine, Norclozapine

Method (CPT Code)

1287FL Clozapine and Metabolite, Fluid

Summary of Changes: Methods/CPT Codes were changed [LC-MS/MS (83789)]

Scope of Analysis: LC-MS/MS (83789): Clozapine, Norclozapine

Method (CPT Code)

1287SP Clozapine and Metabolite, Serum/Plasma

Summary of Changes: Methods/CPT Codes were changed [LC-MS/MS (83789)]

Scope of Analysis: LC-MS/MS (83789): Clozapine, Norclozapine

Method (CPT Code)

1287TI Clozapine and Metabolite, Tissue

Summary of Changes: Methods/CPT Codes were changed [LC-MS/MS (80103, 83789)]

Scope of Analysis: LC-MS/MS (80103, 83789): Clozapine, Norclozapine

Method (CPT Code)

1287U Clozapine and Metabolite, Urine

Summary of Changes: Methods/CPT Codes were changed [LC-MS/MS (83789)]



Test Changes

Scope of Analysis: LC-MS/MS (83789): Clozapine, Norclozapine

Method (CPT Code)

5637ST Cocaine and Metabolites Confirmation (Qualitative), Stool

Summary of Changes: Test Name was changed.

2406B Indium, Blood

Summary of Changes: Specimen Requirements were changed.

Specimen Requirements: 1 mL Blood
Transport Temperature: Refrigerated

Specimen Container: Royal Blue top tube (Trace metal-free; EDTA)

Light Protection: Not Required

Special Handling: Submit in container with a non-Heparin based anticoagulant. Tubes containing

Heparin based anticoagulants are not acceptable.

Rejection Criteria: Light Green top tube (Lithium Heparin). Tan top tube - glass (Sodium Heparin).

Royal Blue top tube (Trace metal-free; Sodium Heparin). Green top tube (Sodium

Heparin).

2406R Indium, RBCs

Summary of Changes: Specimen Requirements were changed.

Specimen Requirements: 1 mL RBCs
Transport Temperature: Refrigerated

Specimen Container: Royal Blue top tube (Trace metal-free; EDTA)

Light Protection: Not Required

Special Handling: Centrifuge and separate RBCs into an acid washed plastic screw capped vial within

two hours of collection.

Rejection Criteria: Received Frozen.

5682ST Methadone and Metabolite Confirmation (Qualitative), Stool

Summary of Changes: Test Name was changed.

5698ST Opiates - Total (Conjugated/Unconjugated) Confirmation (Qualitative), Stool

Summary of Changes: Test Name was changed.

5657ST Phencyclidine Confirmation (Qualitative), Stool

Summary of Changes: Test Name was changed.



Test Changes

5633ST Propoxyphene and Metabolite Confirmation (Qualitative), Stool

Summary of Changes: Test Name was changed.

4125SP Rufinamide, Serum/Plasma

Summary of Changes: Reference Comment was changed.

Scope of Analysis: HPLC (82491): Rufinamide

Method (CPT Code)

 Compound Name
 Units
 Reference Comment

 Rufinamide
 mcg/mL
 Maintenance therapy with 45 mg/kg/day rufinamide resulted in plasma rufinamide concentrations ranging from 5 - 48 mcg/mL.

4305SP Tacrine, Serum/Plasma

Summary of Changes: Methods/CPT Codes were changed [LC-MS/MS (83789)]

Scope of Analysis: LC-MS/MS (83789): Tacrine

Method (CPT Code)



Discontinued Tests

| Test Code | Test Name | Alternative Test |
|-----------|--------------------------------------|---|
| 0185B | Alcohol Confirmation, Blood | No Alternate Tests Available |
| 0185SP | Alcohol Confirmation, Serum/Plasma | No Alternate Tests Available |
| 9523U | Antidepressant Screen, Urine (Study) | 9431U - Antidepressants Screen, Urine |
| 3037U | Butyl-Tins, Urine | No Alternate Tests Available |
| 1916FL | Electrolytes Panel, Fluid | 1919FL - Electrolytes and Glucose Panel |
| | | (Vitreous), Fluid (Forensic) |
| 7027FL | Glucose, Fluid | 2164FL - Glucose (Vitreous), Fluid (Forensic) |
| 4512U | Toluene Exposure, Urine | 4513U - Toluene Exposure, Urine |