



Effective Date:

Monday, September 30, 2013

New Tests and Test Updates

Immediate Action

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, September 30, 2013

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.



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Test Code	Test Name	New Test	Test Name	Method / CPT Code	Specimen Req.	Stability	Scope	Units	Reference Comments	Discontinue
8075B	Drug Impaired Driving/DRE Toxicology Expanded Drug Screen Add-On, Blood (Forensic)						•			
8075SP	Drug Impaired Driving/DRE Toxicology Expanded Drug Screen Add-On, Serum/Plasma (Forensic)						•			
8075U	Drug Impaired Driving/DRE Toxicology Expanded Drug Screen Add-On, Urine (Forensic)						•			
1876B	Drug Screen, Expanded, Blood						•			
1876U	Drug Screen, Expanded, Urine						•			
2665B	Mercaptopurine and Metabolites, Blood	•								
2660B	Mercaptopurine, Blood									•
2660FL	Mercaptopurine, Fluid									•
8063B	Postmortem Toxicology - Basic to Expanded Upgrade, Blood (Forensic)						•			
8063SP	Postmortem Toxicology - Basic to Expanded Upgrade, Serum/Plasma (Forensic)						•			
8063U	Postmortem Toxicology - Basic to Expanded Upgrade, Urine (Forensic)						•			
8062B	Postmortem Toxicology - Expanded w/o Alcohol, Blood (Forensic)						•			
8062U	Postmortem Toxicology - Expanded w/o Alcohol, Urine (Forensic)						•			
8042B	Postmortem Toxicology - Expanded with Vitreous Alcohol Confirmation, Blood (Forensic)						•			
8052B	Postmortem Toxicology - Expanded, Blood (Forensic)						•			
8057B	Postmortem Toxicology - Expanded, Blood - University of MI (CSA)						•			
8052SP	Postmortem Toxicology - Expanded, Serum/Plasma (Forensic)						•			
8052U	Postmortem Toxicology - Expanded, Urine (Forensic)						•			



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New Tests

2665B	Mercaptopurine and Metabolites, Blood	Effective Immediately
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Scope of Analysis: 6-Mercaptopurine [LC-MS/MS]; 6-Methylmercaptopurine [LC-MS/MS]; 6-Thioguanine [LC-MS/MS]

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

Purpose: Therapeutic Drug Monitoring; This test is New York State approved.

Category: Antineoplastic

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: 21 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: Wednesday 3 days (after set-up)

CPT Code: 83789

Compound Name / Alias	Units	RL	Reference Comment
6-Mercaptopurine 6-MP	ng/mL	20	After a single oral dose of 6-mercaptopurine, 75 mg/m ² , to 14 children (mean age = 13 years) with acute lymphoblastic leukemia, the mean plasma concentration was reported at 140 ng/mL (range, 40 to 280 ng/mL) at 0.5 to 4.0 hours. Due to variations in the dose of 6-mercaptopurine administered to patients and the observed variations in the pharmacokinetics of this drug, including its conversion to metabolites, 6-mercaptopurine may not be detected following its administration. The blood-to-plasma ratio for 6-mercaptopurine is reported to be between 1.0 and 1.2
6-Thioguanine 6-TG	ng/mL	50	Based on limited literature data, chronic daily oral doses of 40 to 97 mg/m ² of 6-mercaptopurine to adults resulted in whole blood 6-thioguanine derivative concentrations of approximately 80 to 265 ng/mL. The value reported for 6-thioguanine derivatives is the total of 6-TG (base), 6-TG nucleosides and 6-TG nucleotides present in the specimen.
6-Methylmercaptopurine 6-MMP	ng/mL	200	Based on limited literature data, chronic daily oral doses of 40 to 97 mg/m ² of 6-mercaptopurine to adults resulted in whole blood 6-methylmercaptopurine derivative concentrations of approximately 5000 to 33000 ng/mL. The value reported for 6-methylmercaptopurine derivatives is the total of 6-MMP (base), 6-MMP nucleosides and 6-MMP nucleotides present in the specimen.



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Test Changes

8075B Drug Impaired Driving/DRE Toxicology Expanded Drug Screen Add-On, Blood (Forensic)

Summary of Changes: Order of Reporting was changed.
Following compounds will no longer be confirmed: Levamisole, Quinine
54148B Drug Impaired Driving/DRE Toxicology Quinidine Confirmation,
Blood (Forensic) was added.

8075SP Drug Impaired Driving/DRE Toxicology Expanded Drug Screen Add-On, Serum/Plasma (Forensic)

Summary of Changes: Order of Reporting was changed.
Following compounds will no longer be confirmed: Levamisole, Quinine
54148SP Drug Impaired Driving/DRE Toxicology Quinidine Confirmation,
Serum/Plasma (Forensic) was added.

8075U Drug Impaired Driving/DRE Toxicology Expanded Drug Screen Add-On, Urine (Forensic)

Summary of Changes: Order of Reporting was changed.
Following compounds will no longer be confirmed: Levamisole, Quinine
54148U Drug Impaired Driving/DRE Toxicology Quinidine Confirmation, Urine
(Forensic) was added.

1876B Drug Screen, Expanded, Blood

Summary of Changes: Order of Reporting was changed.
Following compounds will no longer be confirmed: Etomidate, Levamisole,
Metoclopramide, Quinine
52148B Quinidine Confirmation, Blood (Forensic) was added.

1876U Drug Screen, Expanded, Urine

Summary of Changes: Order of Reporting was changed.
Following compounds will no longer be confirmed: Levamisole,
Metoclopramide, Quinine
52148U Quinidine Confirmation, Urine(Forensic) was added.

8063B Postmortem Toxicology - Basic to Expanded Upgrade, Blood (Forensic)

Summary of Changes: Order of Reporting was changed.
Acetyl Fentanyl was added.
Following compounds will no longer be confirmed: Etomidate, Levamisole,
Metoclopramide, Quinine
52148B Quinidine Confirmation, Blood (Forensic) was added.

8063SP Postmortem Toxicology - Basic to Expanded Upgrade, Serum/Plasma (Forensic)



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Test Changes

Summary of Changes: Order of Reporting was changed.
Acetyl Fentanyl was added.
Following compounds will no longer be confirmed: Etomidate, Levamisole,
Metoclopramide, Quinine
52148SP Quinidine Confirmation, Serum/Plasma (Forensic) was added.

8063U Postmortem Toxicology - Basic to Expanded Upgrade, Urine (Forensic)

Summary of Changes: Order of Reporting was changed.
Acetyl Fentanyl was added.
Following compounds will no longer be confirmed: Levamisole,
Metoclopramide, Quinine
52148U Quinidine Confirmation, Urine (Forensic) was added.

8062B Postmortem Toxicology - Expanded w/o Alcohol, Blood (Forensic)

Summary of Changes: Order of Reporting was changed.
Acetyl Fentanyl was added.
Following compounds will no longer be confirmed: Etomidate, Levamisole,
Metoclopramide, Quinine
52148B Quinidine Confirmation, Blood (Forensic) was added.

8062U Postmortem Toxicology - Expanded w/o Alcohol, Urine (Forensic)

Summary of Changes: Order of Reporting was changed.
Acetyl Fentanyl was added.
Following compounds will no longer be confirmed: Levamisole,
Metoclopramide, Quinine
52148U Quinidine Confirmation, Urine (Forensic) was added.

8042B Postmortem Toxicology - Expanded with Vitreous Alcohol Confirmation, Blood (Forensic)

Summary of Changes: Order of Reporting was changed.
Acetyl Fentanyl was added.
Following compounds will no longer be confirmed: Etomidate, Levamisole,
Metoclopramide, Quinine
52148B Quinidine Confirmation, Blood (Forensic) was added.

8052B Postmortem Toxicology - Expanded, Blood (Forensic)

Summary of Changes: Order of Reporting was changed.
Acetyl Fentanyl was added.
Following compounds will no longer be confirmed: Etomidate, Levamisole,
Metoclopramide, Quinine
52148B Quinidine Confirmation, Blood (Forensic) was added.

8057B Postmortem Toxicology - Expanded, Blood - University of MI (CSA)



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Test Changes

Summary of Changes: Order of Reporting was changed.
Acetyl Fentanyl was added.
Following compounds will no longer be confirmed: Etomidate, Levamisole,
Metoclopramide, Quinine
52148B Quinidine Confirmation, Blood (Forensic) was added.

8052SP Postmortem Toxicology - Expanded, Serum/Plasma (Forensic)

Summary of Changes: Order of Reporting was changed.
Acetyl Fentanyl was added.
Following compounds will no longer be confirmed: Etomidate, Levamisole,
Metoclopramide, Quinine
52148SP Quinidine Confirmation, Serum/Plasma (Forensic) was added.

8052U Postmortem Toxicology - Expanded, Urine (Forensic)

Summary of Changes: Order of Reporting was changed.
Acetyl Fentanyl was added.
Following compounds will no longer be confirmed: Levamisole,
Metoclopramide, Quinine
52148U Quinidine Confirmation, Urine (Forensic) was added.



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Discontinued Tests

Test Code	Test Name	Alternative Test
2660B	Mercaptopurine, Blood	2665B - Mercaptopurine and Metabolites, Blood
2660FL	Mercaptopurine, Fluid	No Alternate Tests Available