



Effective Date:
Monday, April 15, 2013

New Tests and Test Updates

Immediate Action

Modified Date: 03/18/2013

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, April 15, 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. (4627U was removed from this letter)

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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New Tests and Test Updates

Test Code	Test Name	New Test	Test Name	Method / CPT Code	Specimen Req.	Stability	Scope	Units	Reference Comments	Discontinue
10000SP	Antidepressants Panel (SSRI/SNRI), Serum (CSA)				•					
9022SP	Antidepressants Screen - Expanded, Serum/Plasma				•					
1060B	Chlorate, Blood									•
1060SP	Chlorate, Serum/Plasma									•
1060U	Chlorate, Urine									•
1790U	Disulfiram (DEDTC Metabolite), Urine									•
52177SP	Duloxetine Confirmation, Serum/Plasma				•					
4666SP	Duloxetine, Serum/Plasma				•					
5014U	Ethyl Sulfate Confirmation, Urine				•					
9025U	Ethyl Sulfate Screen, Urine				•					
5962U	Synthetic Cannabinoid Metabolites Confirmation (Qualitative) - Expanded, Urine (Forensic)					•	•			
5963U	Synthetic Cannabinoid Metabolites Confirmation (Qualitative), Urine					•	•			
9564U	Synthetic Cannabinoid Metabolites Screen - Basic, Urine									•
9562U	Synthetic Cannabinoid Metabolites Screen - Expanded, Urine (Forensic)						•			
9563U	Synthetic Cannabinoid Metabolites Screen, Urine						•			



New Tests and Test Updates

Test Changes

10000SP Antidepressants Panel (SSRI/SNRI), Serum (CSA)

Summary of Changes: Specimen Requirements (Light Protection) were changed.

Specimen Requirements: 1 mL Serum or Plasma
Transport Temperature: Refrigerated
Specimen Container: Plastic container (preservative-free)
Light Protection: Not Required
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. Ensure that container remains tightly sealed.
Rejection Criteria: Polymer gel separation tube (SST or PST).

9022SP Antidepressants Screen - Expanded, Serum/Plasma

Summary of Changes: Specimen Requirements (Light Protection) were changed.

Specimen Requirements: 6 mL Serum or Plasma
Transport Temperature: Frozen
Specimen Container: Plastic container (preservative-free)
Light Protection: Not Required
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. Ensure that container remains tightly sealed.
Rejection Criteria: Received Room Temperature. Received Refrigerated. Polymer gel separation tube (SST or PST).

52177SP Duloxetine Confirmation, Serum/Plasma

Summary of Changes: Specimen Requirements (Light Protection) were changed.
Specimen Requirements (Special Handling) were changed.

Specimen Requirements: 1 mL Serum or Plasma
Transport Temperature: Refrigerated
Specimen Container: Plastic container (preservative-free)
Light Protection: Not Required
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. Ensure that container remains tightly sealed.
Rejection Criteria: Polymer gel separation tube (SST or PST).

4666SP Duloxetine, Serum/Plasma



New Tests and Test Updates

Test Changes

Summary of Changes: Specimen Requirements (Light Protection) were changed.

Specimen Requirements: 1 mL Serum or Plasma
Transport Temperature: Refrigerated
Specimen Container: Plastic container (preservative-free)
Light Protection: Not Required
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. Ensure that container remains tightly sealed.
Rejection Criteria: Polymer gel separation tube (SST or PST).

5014U Ethyl Sulfate Confirmation, Urine

Summary of Changes: Specimen Requirements (Specimen Container) were changed.
Specimen Requirements (Light Protection) were changed.

Specimen Requirements: 1 mL Urine
Transport Temperature: Refrigerated
Specimen Container: Plastic container (preservative-free)
Light Protection: Not Required
Special Handling: None
Rejection Criteria: None

9025U Ethyl Sulfate Screen, Urine

Summary of Changes: Specimen Requirements (Specimen Container) were changed.
Specimen Requirements (Light Protection) were changed.

Specimen Requirements: 1 mL Urine
Transport Temperature: Refrigerated
Specimen Container: Plastic container (preservative-free)
Light Protection: Not Required
Special Handling: None
Rejection Criteria: None

5962U Synthetic Cannabinoid Metabolites Confirmation (Qualitative) - Expanded, Urine (Forensic)

Summary of Changes: Stability was changed.
Scope of Analysis was changed.
UR-144 N-(5-hydroxypentyl) metabolite, UR-144 N-pentanoic acid metabolite and JWH-022 N-(3-hydroxypent-4-enyl) metabolite were added.



New Tests and Test Updates

Test Changes

Stability: Room Temperature: 7 day(s)
Refrigerated: 14 day(s)
Frozen (-20 °C): 30 day(s)

Scope of Analysis: LC-MS/MS (83788): JWH-073 N-(4-hydroxybutyl) metabolite, RCS-4 (O-desmethyl N-4-hydroxypentyl) metabolite, JWH-081 (O-desmethyl N-4-hydroxypentyl) metabolite, JWH-081 (O-desmethyl N-5-hydroxypentyl) metabolite, JWH-250 N-(4-hydroxypentyl) metabolite, JWH-073 N-(3-hydroxybutyl) metabolite, JWH-018 N-(4-hydroxypentyl) metabolite, JWH-018 N-(5-hydroxypentyl) metabolite, AM-2201 N-(4-hydroxypentyl) metabolite, JWH-019 N-(5-hydroxyhexyl) metabolite, JWH-019 N-(6-hydroxyhexyl) metabolite, JWH-122 N-(4-hydroxypentyl) metabolite, JWH-122 N-(5-hydroxypentyl) metabolite, JWH-210 N-(4-hydroxypentyl) metabolite, JWH-210 N-(5-hydroxypentyl) metabolite, UR-144 N-(5-hydroxypentyl) metabolite, UR-144 N-pentanoic acid metabolite, JWH-022 N-(3-hydroxypent-4-enyl) metabolite

Compound Name	Units	Reference Comment
UR-144 N-(5-hydroxypentyl) metabolite	ng/mL	UR-144, a synthetic cannabinoid, has been identified in products sold as 'herbal incense'. These products are sold under a wide variety of names including (but not limited to) K2 and Spice. These products may be used as an alternative to marijuana. UR-144 N-(5-hydroxypentyl) has been identified as a major metabolite of UR-144 in humans. It is also predicted to be a metabolite of XLR-11 (also known as FUR-144).
UR-144 N-pentanoic acid metabolite	ng/mL	UR-144, a synthetic cannabinoid, has been identified in products sold as 'herbal incense'. These products are sold under a wide variety of names including (but not limited to) K2 and Spice. These products may be used as an alternative to marijuana. UR-144 N-pentanoic acid has been identified as a major metabolite of UR-144 in humans. It is also predicted to be a metabolite of XLR-11 (also known as FUR-144).
JWH-022 N-(3-hydroxypent-4-enyl) metabolite	ng/mL	JWH-022, a synthetic cannabinoid, has been identified in products sold as 'herbal incense'. These products are sold under a wide variety of names including (but not limited to) K2 and Spice. These products may be used as an alternative to marijuana. JWH-022 N-(3-hydroxypent-4-enyl) is a predicted metabolite of JWH-022.

5963U Synthetic Cannabinoid Metabolites Confirmation (Qualitative), Urine



New Tests and Test Updates

Test Changes

Summary of Changes: Stability was changed.
Scope of Analysis was changed.
UR-144 N-(5-hydroxypentyl) metabolite and UR-144 N-pentanoic acid metabolite were added.

Stability: Room Temperature: 7 day(s)
Refrigerated: 14 day(s)
Frozen (-20 °C): 1 month(s)

Scope of Analysis: LC-MS/MS (83788): JWH-018 N-(4-hydroxypentyl) metabolite, JWH-018 N-(5-hydroxypentyl) metabolite, JWH-073 N-(3-hydroxybutyl) metabolite, JWH-073 N-(4-hydroxybutyl) metabolite, UR-144 N-(5-hydroxypentyl) metabolite, UR-144 N-pentanoic acid metabolite

Compound Name	Units	Reference Comment
UR-144 N-(5-hydroxypentyl) metabolite	ng/mL	UR-144, a synthetic cannabinoid, has been identified in products sold as 'herbal incense'. These products are sold under a wide variety of names including (but not limited to) K2 and Spice. These products may be used as an alternative to marijuana. UR-144 N-(5-hydroxypentyl) has been identified as a major metabolite of UR-144 in humans. It is also predicted to be a metabolite of XLR-11 (also known as FUR-144).
UR-144 N-pentanoic acid metabolite	ng/mL	UR-144, a synthetic cannabinoid, has been identified in products sold as 'herbal incense'. These products are sold under a wide variety of names including (but not limited to) K2 and Spice. These products may be used as an alternative to marijuana. UR-144 N-pentanoic acid has been identified as a major metabolite of UR-144 in humans. It is also predicted to be a metabolite of XLR-11 (also known as FUR-144).

9562U Synthetic Cannabinoid Metabolites Screen - Expanded, Urine (Forensic)

Summary of Changes: Scope of Analysis was changed.
NMS Labs SynCann ® Screen 3 was added.
NMS Labs SynCann ® Screen 2 was removed.

Scope of Analysis: ELISA (80101x2): NMS Labs SynCann ® Screen 1, NMS Labs SynCann ® Screen 3
Method (CPT Code)

Compound Name	Units	Reference Comment
NMS Labs SynCann ® Screen 3	ng/mL	

9563U Synthetic Cannabinoid Metabolites Screen, Urine



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Test Changes

Summary of Changes: Scope of Analysis was changed.
NMS Labs SynCann ® Screen 1 and NMS Labs SynCann ® Screen 3 were added.
JWH-018 / JWH-073 Metabolites was removed.

Scope of Analysis: ELISA (80101x2): NMS Labs SynCann ® Screen 1, NMS Labs SynCann ® Screen 3
Method (CPT Code)

Compound Name	Units	Reference Comment
NMS Labs SynCann ® Screen 1	ng/mL	
NMS Labs SynCann ® Screen 3	ng/mL	



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Discontinued Tests

Test Code	Test Name	Alternative Test
1060B	Chlorate, Blood	No Alternate Tests Available
1060SP	Chlorate, Serum/Plasma	No Alternate Tests Available
1060U	Chlorate, Urine	No Alternate Tests Available
1790U	Disulfiram (DEDTC Metabolite), Urine	No Alternate Tests Available
9564U	Synthetic Cannabinoid Metabolites Screen - Basic, Urine	9563U - Synthetic Cannabinoid Metabolites Screen, Urine