



Effective Date:

Monday, September 23, 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 23, 2013

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**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.

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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
5968U	Synthetic Cannabinoid Metabolites Confirmation 2, Urine	•								
9562U	Synthetic Cannabinoid Metabolites Screen - Expanded, Urine (Forensic)			•	•	•	•			



# New Tests and Test Updates

## New Tests

<b>5968U</b>	<b>Synthetic Cannabinoid Metabolites Confirmation 2, Urine</b>	<b>Effective Immediately</b>
Scope of Analysis:	BB-22 3-Carboxyindole metabolite [LC-MS/MS]; F-PB-22 Carboxyindole metabolite [LC-MS/MS]; MAM-2201 Pentanoic acid metabolite [LC-MS/MS]; PB-22 3-Carboxyindole metabolite [LC-MS/MS]	
Method(s):	High Performance Liquid Chromatography/Tandem Mass Spectrometry (LC-MS/MS)	
Purpose:	Confirmation of positive screen. This test is New York State approved.	
Category:	Synthetic Cannabinoid	
Specimen Requirements:	3 mL Urine	
Minimum Volume:	1.2 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: 14 day(s) Frozen (-20 °C): 14 day(s)	

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

Set-Up Days / TAT: Tuesday Thursday 3 days (after set-up)  
CPT Code: 83788

Compound Name / Alias	Units	RL	Reference Comment
PB-22 3-Carboxyindole metabolite 1-pentylindole-3-carboxylic acid	ng/mL	2.0	PB-22, 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.  PB-22 3-Carboxyindole has been identified as a major metabolite of PB-22 in humans.
BB-22 3-Carboxyindole metabolite 1-(cyclohexylmethyl)indole-3-carboxylic acid	ng/mL	2.0	BB-22, 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.  BB-22 3-Carboxyindole has been identified as a major metabolite of BB-22 in humans.
MAM-2201 Pentanoic acid metabolite 5-[3-(4-methylnaphthalene-1-carbonyl)indol-1-yl]pentanoic acid ; JWH-122 Pentanoic acid metabolite	ng/mL	0.2	MAM-2201, 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.  MAM-2201 Pentanoic acid has been identified as a major metabolite of MAM-2201 and JWH-122.
F-PB-22 Carboxyindole metabolite 1-(5-fluoropentyl)indole-3-carboxylic acid	ng/mL	2.0	F-PB-22, 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.  F-PB-22 3-Carboxyindole has been identified as a major metabolite of F-PB-22 in humans.



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## Test Changes

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

Summary of Changes: Specimen Requirements were changed.  
Stability was changed.  
Scope of Analysis was changed.  
PB-22 3-Carboxyindole metabolite, NMS Labs SynCann® Screen 1, BB-22 3-Carboxyindole metabolite, NMS Labs SynCann® Screen 3, MAM-2201 Pentanoic acid metabolite and F-PB-22 Carboxyindole metabolite were added.  
Methods/CPT Codes were changed [LC-MS/MS (80100)]

Specimen Requirements: 10 mL Urine  
Transport Temperature: Refrigerated  
Specimen Container: Plastic container (preservative-free)  
Light Protection: Not Required  
Special Handling: None  
Rejection Criteria: None  
Stability: Room Temperature: 14 day(s)  
Refrigerated: 14 day(s)  
Frozen (-20 °C): 14 day(s)  
Scope of Analysis: ELISA (80101x2): NMS Labs SynCann® Screen 1, NMS Labs SynCann® Screen 3  
Method (CPT Code) LC-MS/MS (80100): PB-22 3-Carboxyindole metabolite, BB-22 3-Carboxyindole metabolite, MAM-2201 Pentanoic acid metabolite, F-PB-22 Carboxyindole metabolite

Compound Name	Units	Reference Comment
NMS Labs SynCann® Screen 1	ng/mL	
PB-22 3-Carboxyindole metabolite	ng/mL	
BB-22 3-Carboxyindole metabolite	ng/mL	
NMS Labs SynCann® Screen 3	ng/mL	
MAM-2201 Pentanoic acid metabolite	ng/mL	
F-PB-22 Carboxyindole metabolite	ng/mL	