



Effective Date:
Monday, February 07, 2022

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, February 07, 2022

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
5101B	Gamma-Hydroxybutyric Acid Confirmation, Blood				•				
5101SP	Gamma-Hydroxybutyric Acid Confirmation, Serum/Plasma				•				
9326B	Gamma-Hydroxybutyric Acid Screen, Blood				•				
9326SP	Gamma-Hydroxybutyric Acid Screen, Serum/Plasma				•				
4282SP	Synthetic Cannabinoids (Qualitative), Serum/Plasma	•	•	•	•	•			



Test Updates

Test Changes

5101B Gamma-Hydroxybutyric Acid Confirmation, Blood

Summary of Changes: Stability was changed.

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

5101SP Gamma-Hydroxybutyric Acid Confirmation, Serum/Plasma

Summary of Changes: Stability was changed.

Stability: Room Temperature: 30 day(s)
Refrigerated: 30 day(s)
Frozen (-20 °C): 2 month(s)

9326B Gamma-Hydroxybutyric Acid Screen, Blood

Summary of Changes: Stability was changed.

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

9326SP Gamma-Hydroxybutyric Acid Screen, Serum/Plasma

Summary of Changes: Stability was changed.

Stability: Room Temperature: 30 day(s)
Refrigerated: 30 day(s)
Frozen (-20 °C): 2 month(s)

4282SP Synthetic Cannabinoids (Qualitative), Serum/Plasma

Summary of Changes: Test Name was changed.
Specimen Requirements were changed.
Specimen Requirements (Rejection Criteria) were changed.
Stability was changed.
Scope of Analysis was changed.
5-fluoro-PICA 3,3-dimethylbutanoic acid, 5-fluoro-PINACA 3-methylbutanoic acid, 4-fluoro-BINACA 3,3-dimethylbutanoic acid, FUBINACA 3-methylbutanoic acid, 5-fluoro-PINACA 3,3-dimethylbutanoic acid, FUBINACA 3,3-dimethylbutanoic acid, APP-BINACA, 5-fluoro-MDMB-PICA / 5-fluoro-EMB-PICA and MDMB-4en-PINACA were added.
Methods/CPT Codes were changed [LC-MS/MS (80352)]
4-cyano-CUMYL-BINACA, 5-fluoro-EDMB-PINACA, 5-fluoro-MDMB-PICA, 5-fluoro-MMB-PINACA, 5-fluoro-NA-PIC, 5-fluoro-QU-PINAC, ADAMANTYL-FUBINACA, ADMB-FUBICA, AMB-CHMINACA, AMB-FUBINACA, CUMYL-THPINACA, MDMB-CHMCZCA, MDMB-CHMICA, MDMB-CHMINAC, MDMB-FUBICA, MDMB-FUBINACA / EMB-FUBINACA, MMB-CHMICA, MMB-CHMINACA, MMB-FUBICA, NA-FUBIC and NA-FUBIM were removed.



Test Updates

Test Changes

Specimen Requirements: 2 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.
 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)
 Scope of Analysis: LC-MS/MS (80352): ADMB-FUBINACA, 5-fluoro-PICA 3,3-dimethylbutanoic acid, 5-fluoro-PINACA 3-methylbutanoic acid, 4-fluoro-BINACA 3,3-dimethylbutanoic acid, FUBINACA 3-methylbutanoic acid, 5-fluoro-PINACA 3,3-dimethylbutanoic acid, FUBINACA 3,3-dimethylbutanoic acid, APP-BINACA, 5-fluoro-MDMB-PICA / 5-fluoro-EMB-PICA, MMB-FUBINACA, 5-fluoro-MDMB-PINACA / 5-fluoro-EMB-PINACA, MDMB-4en-PINACA, ADMB-CHMINACA, 4-fluoro-MDMB-BINACA

Compound Name	Units	Reference Comment
5-fluoro-PICA 3,3-dimethylbutanoic acid	ng/mL	5-fluoro-PICA 3,3-dimethylbutanoic acid is a known or presumed metabolite of the following synthetic cannabinoid(s): 5-fluoro-MDMB-PICA. It may also be a metabolite of other synthetic cannabinoids with similar structures.
5-fluoro-PINACA 3-methylbutanoic acid	ng/mL	5-fluoro-PINACA 3-methylbutanoic acid (5F-AMB 3-methylbutanoic acid) is a known or presumed metabolite of the following synthetic cannabinoid(s): 5-fluoro-MMB-PINACA (5-fluoro AMB); 5-fluoro-EMB-PINACA (5F-AEB). It may also be a metabolite of other synthetic cannabinoids with similar structures.
4-fluoro-BINACA 3,3-dimethylbutanoic acid	ng/mL	4-fluoro-BINACA 3,3-dimethylbutanoic acid is a known or presumed metabolite of the following synthetic cannabinoid(s): 4-fluoro-MDMB-BINACA. It may also be a metabolite of other synthetic cannabinoids with similar structures.



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Compound Name	Units	Reference Comment
FUBINACA 3-methylbutanoic acid	ng/mL	FUBINACA 3-methylbutanoic acid (FUB-AMB 3-methylbutanoic acid) is a known or presumed metabolite of the following synthetic cannabinoid(s): AMB-FUBINACA (AB-FUBINACA); MMB-FUBINACA (FUB-AMB); EMB-FUBINACA. It may also be a metabolite of other synthetic cannabinoids with similar structures.
5-fluoro-PINACA 3,3-dimethylbutanoic acid	ng/mL	5-fluoro-PINACA 3,3-dimethylbutanoic acid (5F-ADB 3,3-dimethylbutanoic acid) is a known or presumed metabolite of the following synthetic cannabinoid(s): 5-fluoro-MDMB-PINACA (5F-ADB); 5-fluoro-EDMB-PINACA. It may also be a metabolite of other synthetic cannabinoids with similar structures.
FUBINACA 3,3-dimethylbutanoic acid	ng/mL	FUBINACA 3,3-dimethylbutanoic acid (MDMB-FUBINACA 3,3-dimethylbutanoic acid) is a known or presumed metabolite of the following synthetic cannabinoid(s): MDMB-FUBINACA; ADB-FUBINACA (ADB-FUBINACA). It may also be a metabolite of other synthetic cannabinoids with similar structures.
APP-BINACA	ng/mL	APP-BINACA is one of many synthetic cannabinoid drugs. The drug is typically sprayed on botanical material and smoked, although it can be ingested in liquid or powder form. It binds to and demonstrates functional activity at the same brain receptor as THC, the active component of marijuana.
5-fluoro-MDMB-PICA / 5-fluoro-EMB-PICA	ng/mL	5-fluoro-MDMB-PICA and 5-fluoro-EMB-PICA are synthetic cannabinoid drugs. These drugs are typically sprayed on botanical material and smoked, although they can be ingested in liquid or powder form. They bind to and demonstrates functional activity at the same brain receptor as THC, the active component of marijuana. This test does not differentiate between these isomeric compounds.
MDMB-4en-PINACA	ng/mL	MDMB-4en-PINACA is one of many synthetic cannabinoid drugs. These drugs are typically sprayed on botanical material and smoked, although they can be ingested in liquid or powder form. They bind to and demonstrates functional activity at the same brain receptor as THC, the active component of marijuana.