



Effective Date:
Monday, July 22, 2019

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, July 22, 2019

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 |
|-----------|---|-----------|-------------------|---------------|-----------|-------|-------|--------------------|-------------|
| 8054B | Postmortem, Expanded with NPS, Blood | | | | | • | | | |
| 9566B | Synthetic Cannabinoids (Add-On), Blood | | | • | | • | | | |
| 4282SP | Synthetic Cannabinoids (Qualitative) (2019 Scope), Serum/Plasma | | | | | • | | • | |
| 5970B | Synthetic Cannabinoids Confirmation 2019 (Qualitative), Blood | | | | | | | • | |
| 5971B | Synthetic Cannabinoids Confirmation 2019 (Qualitative), Blood | | | • | | • | | • | |
| 9560B | Synthetic Cannabinoids Screen (2019 Scope), Blood | | | • | | • | | | |



Test Updates

Test Changes

8054B Postmortem, Expanded with NPS, Blood

Summary of Changes: Scope of Analysis was changed.
4-fluoro-MDMB-BINACA was added.

Scope of Analysis:
Method (CPT Code)

| Compound Name | Units | Reference Comment |
|----------------------|-------|-------------------|
| 4-fluoro-MDMB-BINACA | ng/mL | |

9566B Synthetic Cannabinoids (Add-On), Blood

Summary of Changes: Specimen Requirements (Specimen Container) were changed.
Scope of Analysis was changed.
Order of Reporting was changed.
4-fluoro-MDMB-BINACA was added.

Specimen Requirements: 5 mL Blood

Transport Temperature: Frozen

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

Light Protection: Not Required

Special Handling: None

Rejection Criteria: Received Room Temperature. Received Refrigerated.

Scope of Analysis: LC-MS/MS QTRAP (80307): AMB-FUBINACA, 4-cyano-CUMYL-BINACA, ADMB-FUBICA, ADMB-FUBINACA, 5-fluoro-QU-PINAC, MMB-FUBICA, 5-fluoro-MMB-PINACA, 4-fluoro-MDMB-BINACA, 5-fluoro-MDMB-PICA, MMB-FUBINACA, CUMYL-THPINACA, MDMB-FUBICA, 5-fluoro-MDMB-PINACA / 5-fluoro-EMB-PINACA, AMB-CHMINACA, MDMB-FUBINACA / EMB-FUBINACA, NA-FUBIM, 5-fluoro-EDMB-PINACA, ADMB-CHMINACA, MMB-CHMICA, 5-fluoro-NA-PIC, MDMB-CHMICA, MMB-CHMINACA, NA-FUBIC, MDMB-CHMINAC, ADAMANTYL-FUBINACA, MDMB-CHMCZCA

| Compound Name | Units | Reference Comment |
|----------------------|-------|-------------------|
| 4-fluoro-MDMB-BINACA | ng/mL | |

4282SP Synthetic Cannabinoids (Qualitative) (2019 Scope), Serum/Plasma

Summary of Changes: Scope of Analysis was changed.
Order of Reporting was changed.
4-fluoro-MDMB-BINACA was added.
Reference Comment was changed.



Test Updates

Test Changes

Scope of Analysis: LC-MS/MS (80352): 5-fluoro-MMB-PINACA, CUMYL-THPINACA, MDMB-FUBICA, MMB-FUBINACA, 5-fluoro-MDMB-PINACA / 5-fluoro-EMB-PINACA, MMB-FUBICA, MDMB-FUBINACA / EMB-FUBINACA, 5-fluoro-EDMB-PINACA, NA-FUBIM, 5-fluoro-QU-PINAC, MMB-CHMICA, NA-FUBIC, MDMB-CHMICA, 5-fluoro-NA-PIC, MMB-CHMINACA, MDMB-CHMINAC, ADAMANTYL-FUBINACA, MDMB-CHMCZCA
Method (CPT Code) LC-MS/MS (80352): AMB-FUBINACA, ADMB-FUBINACA, ADMB-FUBICA, 4-cyano-CUMYL-BINACA, AMB-CHMINACA, 4-fluoro-MDMB-BINACA, 5-fluoro-MDMB-PICA, ADMB-CHMINACA

| Compound Name | Units | Reference Comment |
|--|-------|---|
| CUMYL-THPINACA | ng/mL | CUMYL-THPINACA 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. |
| ADMB-FUBICA | ng/mL | ADMB-FUBICA 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. No studies have been performed to evaluate the pharmacological effects of this compound. It binds to and demonstrates functional activity at the same brain receptor as THC, the active component of marijuana. |
| 4-cyano-CUMYL-BINACA | ng/mL | 4-cyano-CUMYL-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-PINACA / 5-fluoro-EMB-PINACA | ng/mL | 5-fluoro-MDMB-PINACA and 5-fluoro-EMB-PINACA 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. |
| 4-fluoro-MDMB-BINACA | ng/mL | 4-fluoro-MDMB-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. No studies have been performed to evaluate the pharmacological effects of this compound. |



Test Updates

Test Changes

| Compound Name | Units | Reference Comment |
|------------------------------|-------|---|
| MDMB-FUBINACA / EMB-FUBINACA | ng/mL | <p>MDMB-FUBINACA and EMB-FUBINACA 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.</p> <p>This test does not differentiate between these isomeric compounds.</p> |
| 5-fluoro-MDMB-PICA | ng/mL | <p>5-fluoro-MDMB-PICA 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.</p> |
| MDMB-CHMINAC | ng/mL | <p>MDMB-CHMINAC 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. No studies have been performed to evaluate the pharmacological effects of this compound. It binds to and demonstrates functional activity at the same brain receptor as THC, the active component of marijuana.</p> |
| MDMB-CHMCZCA | ng/mL | <p>MDMB-CHMCZCA 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.</p> |

5970B Synthetic Cannabinoids Confirmation 2019 (Qualitative), Blood

Summary of Changes: Reference Comment was changed.

Scope of Analysis: LC-MS/MS (80352): 5-fluoro-MMB-PINACA, CUMYL-THPINACA, MDMB-FUBICA, MMB-FUBINACA, 5-fluoro-MDMB-PINACA / 5-fluoro-EMB-PINACA, MMB-FUBICA, MDMB-FUBINACA / EMB-FUBINACA, 5-fluoro-EDMB-PINACA, NA-FUBIM, 5-fluoro-QU-PINAC, MMB-CHMICA, NA-FUBIC, MDMB-CHMICA, 5-fluoro-NA-PIC, MMB-CHMINACA, MDMB-CHMINAC, ADAMANTYL-FUBINACA, MDMB-CHMCZCA



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Test Changes

| Compound Name | Units | Reference Comment |
|--|-------|--|
| CUMYL-THPINACA | ng/mL | CUMYL-THPINACA 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-PINACA / 5-fluoro-EMB-PINACA | ng/mL | <p>5-fluoro-MDMB-PINACA and 5-fluoro-EMB-PINACA 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.</p> <p>This test does not differentiate between these isomeric compounds.</p> |
| MDMB-FUBINACA / EMB-FUBINACA | ng/mL | <p>MDMB-FUBINACA and EMB-FUBINACA 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.</p> <p>This test does not differentiate between these isomeric compounds.</p> |
| MDMB-CHMINAC | ng/mL | MDMB-CHMINAC 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. No studies have been performed to evaluate the pharmacological effects of this compound. It binds to and demonstrates functional activity at the same brain receptor as THC, the active component of marijuana. |
| MDMB-CHMCZCA | ng/mL | MDMB-CHMCZCA 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. |

5971B Synthetic Cannabinoids Confirmation 2019 (Qualitative), Blood



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Test Changes

Summary of Changes: Specimen Requirements (Specimen Container) were changed.
Scope of Analysis was changed.
Order of Reporting was changed.
4-fluoro-MDMB-BINACA was added.
Reference Comment was changed.

Specimen Requirements: 2 mL Blood
Transport Temperature: Refrigerated
Specimen Container: Gray top tube (Sodium Fluoride / Potassium Oxalate), Lavender top tube (EDTA)
Light Protection: Not Required
Special Handling: None
Rejection Criteria: None
Scope of Analysis: LC-MS/MS (80352): AMB-FUBINACA, ADMB-FUBINACA, ADMB-FUBICA, 4-cyano-CUMYL-BINACA, AMB-CHMINACA, 4-fluoro-MDMB-BINACA, 5-fluoro-MDMB-PICA, ADMB-CHMINACA

| Compound Name | Units | Reference Comment |
|----------------------|-------|---|
| AMB-FUBINACA | ng/mL | AMB-FUBINACA 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. |
| ADMB-FUBINACA | ng/mL | ADMB-FUBINACA 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. |
| ADMB-FUBICA | ng/mL | ADMB-FUBICA 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. No studies have been performed to evaluate the pharmacological effects of this compound. It binds to and demonstrates functional activity at the same brain receptor as THC, the active component of marijuana. |
| 4-cyano-CUMYL-BINACA | ng/mL | 4-cyano-CUMYL-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. |



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| Compound Name | Units | Reference Comment |
|----------------------|-------|---|
| AMB-CHMINACA | ng/mL | AMB-CHMINACA 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. |
| 4-fluoro-MDMB-BINACA | ng/mL | 4-fluoro-MDMB-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. No studies have been performed to evaluate the pharmacological effects of this compound. |
| 5-fluoro-MDMB-PICA | ng/mL | 5-fluoro-MDMB-PICA 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. |
| ADMB-CHMINACA | ng/mL | ADMB-CHMINACA 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. |

9560B Synthetic Cannabinoids Screen (2019 Scope), Blood

Summary of Changes: Specimen Requirements (Specimen Container) were changed.
Scope of Analysis was changed.
Order of Reporting was changed.
4-fluoro-MDMB-BINACA was added.

Specimen Requirements: 5 mL Blood
Transport Temperature: Frozen
Specimen Container: Gray top tube (Sodium Fluoride / Potassium Oxalate), Lavender top tube (EDTA)
Light Protection: Not Required
Special Handling: None
Rejection Criteria: Received Room Temperature. Received Refrigerated.



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Test Changes

Scope of Analysis: LC-MS/MS QTRAP (80307): AMB-FUBINACA, 4-cyano-CUMYL-BINACA, ADMB-FUBICA, ADMB-FUBINACA, 5-fluoro-QU-PINAC, MMB-FUBICA, 5-fluoro-MMB-PINACA, 4-fluoro-MDMB-BINACA, 5-fluoro-MDMB-PICA, MMB-FUBINACA, CUMYL-THPINACA, MDMB-FUBICA, 5-fluoro-MDMB-PINACA / 5-fluoro-EMB-PINACA, AMB-CHMINACA, MDMB-FUBINACA / EMB-FUBINACA, NA-FUBIM, 5-fluoro-EDMB-PINACA, ADMB-CHMINACA, MMB-CHMICA, 5-fluoro-NA-PIC, MDMB-CHMICA, MMB-CHMINACA, NA-FUBIC, MDMB-CHMINAC, ADAMANTYL-FUBINACA, MDMB-CHMCZCA

| Compound Name | Units | Reference Comment |
|----------------------|-------|-------------------|
| 4-fluoro-MDMB-BINACA | ng/mL | |