NMS Labs
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Robert A. Middleberg, PhD, F-ABFT, DABCC-TC, Laboratory Director

CONFIDENTIAL

Demo Report

Report Issued 04/28/2022 11:52
Last Report Issued 04/28/2022 11:52

88888
Clinical Example Report
Attn: Example Reports
200 Welsh Road
Horsham, PA 19044

Patient Name 4282SP-POS
Patient ID 4282SP-POS
Chain 22001255
DOB Not Given
Sex Not Given
Workorder 22001255
Received 04/27/2022

Lab ID 22001255-001
Matrix Serum or Plasma
Patient Name 4282SP-POS
Patient ID 4282SP-POS
Container Type Clear vial

Collect Dt/Tm Not Given
Source Not Given

Approx Vol/Weight Not Given

Receipt Notes None Entered

Analysis and Comments	Result	Units	Reporting Limit	Notes
4282SP Synthetic Cannabinoids (Qualitative), Serum/Plasma				
Analysis by High Performance Liquid Chromatography/ Tandem Mass Spectrometry (LC-MS/MS)				
ADMB-FUBINACA	Positive	ng/mL	1.0	
Synonym(s): ADB-FUBINACA				
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.				
5-fluoro-PICA 3,3-dimethylbutanoic acid	Positive	ng/mL	5.0	
Synonym(s): 5-fluoro MDMB-PICA metabolite 7				
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	Positive	ng/mL	5.0	
Synonym(s): 5-fluoro AMB metabolite 7				

Results for sample 22001255-001 are continued on next page

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Lab ID 22001255-001
Matrix Serum or Plasma
Patient Name 4282SP-POS
Patient ID 4282SP-POS

Collect Dt/Tm Not Given
Source Not Given

Analysis and Comments	Result	Units	Reporting Limit	Notes
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	Positive	ng/mL	5.0	
Synonym(s): 4-fluoro MDMB BINACA butanoic acid metabolite				
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.				
FUBINACA 3-methylbutanoic acid	Positive	ng/mL	5.0	
Synonym(s): MMB-FUBINACA metabolite 1; FUB-AMB 3-methyl-butanoic acid				
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	Positive	ng/mL	5.0	
Synonym(s): 5-fluoro-ADB metabolite				
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	Positive	ng/mL	5.0	
Synonym(s): MDMB-FUBINACA metabolite 1				

Results for sample 22001255-001 are continued on next page

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Matrix Serum or Plasma
Patient Name 4282SP-POS
Patient ID 4282SP-POS

Collect Dt/Tm Not Given
Source Not Given

Analysis and Comments	Result	Units	Reporting Limit	Notes
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; ADMB-FUBINACA (ADB-FUBINACA). It may also be a metabolite of other synthetic cannabinoids with similar structures.				
APP-BINACA	Positive	ng/mL	0.10	
Synonym(s): APP-BUTINACA				
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	Positive	ng/mL	0.10	
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.				
MMB-FUBINACA	Positive	ng/mL	0.10	
Synonym(s): AMB-FUBINACA, FUB-AMB				
MMB-FUBINACA 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.				
5-fluoro-MDMB-PINACA / 5-fluoro-EMB-PINACA	Positive	ng/mL	0.20	
Synonym(s): 5-fluoro-ADB/5-fluoro-AEB				

Results for sample 22001255-001 are continued on next page

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Patient Name 4282SP-POS
Patient ID 4282SP-POS

Collect Dt/Tm Not Given
Source Not Given

Analysis and Comments	Result	Units	Reporting Limit	Notes
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.				
MDMB-4en-PINACA	Positive	ng/mL	0.10	
Synonym(s): MDMB-PENINACA; MDMB-PINACA N1-pentyl-4-en isomer				
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.				
ADMB-CHMINACA	Positive	ng/mL	0.10	
Synonym(s): MAB-CHMINACA; ADB-CHMINACA				
Comment: Substance(s) known to interfere with the identity and/or quantity of the reported result: AB-CHMINACA				
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.				
4-fluoro-MDMB-BINACA	Positive	ng/mL	0.10	
Synonym(s): 4-fluoro-MDMB-BUTINACA				
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. It binds to and demonstrates functional activity at the same brain receptor as THC, the active component of marijuana.				

This test was developed and its performance characteristics determined by NMS Labs. It has not been cleared or approved by the US Food and Drug Administration.