



NMS Labs

CONFIDENTIAL

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e-mail: nms@nmslabs.com

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

Demo Report

Report Issued 09/29/2017 13:14
Last Report Issued 09/22/2017 10:21

88888
Clinical Example Report
Attn: IT Department
200 Welsh Road
Horsham, PA 19044-2208

Patient Name 8758SP-POS
Patient ID 8758SP-POS
Chain 17001865
Age Not Given DOB Not Given
Gender Not Given
Workorder 17001865
Received 09/21/2017 11:56

Sample ID 17001865-001
Matrix Serum or Plasma
Patient Name 8758SP-POS
Patient ID 8758SP-POS
Container Type Clear vial

Collect Dt/Tm Not Given
Source Not Given

Approx Vol/Weight Not Given

Receipt Notes Not light protected as required

Table with 5 columns: Analysis and Comments, Result, Units, Reporting Limit, Notes

8758SP Hallucinogens Screen, Serum/Plasma

Sample Receipt condition inappropriate for test code:
[Not light protected as required]

Analysis by Enzyme-Linked Immunosorbent Assay (ELISA)

Table row for LSD: See Comment, ng/mL, 0.50. Includes synonym(s) and comment.

Analysis by Enzyme-Linked Immunosorbent Assay (ELISA)

Table rows for Cocaine / Metabolites, Amphetamines, and Phencyclidine with comments and reporting limits.

Results for sample 17001865-001 are continued on next page



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**Sample ID** 17001865-001  
**Matrix** Serum or Plasma  
**Patient Name** 8758SP-POS  
**Patient ID** 8758SP-POS

**Collect Dt/Tm** Not Given  
**Source** Not Given

Analysis and Comments	Result	Units	Reporting Limit	Notes
Comment: Based on this screening result, confirmation testing was performed. Refer to the confirmation test result(s).				
Cannabinoids	See Comment	ng/mL	10	
Comment: Based on this screening result, confirmation testing was performed. Refer to the confirmation test result(s).				
Methamphetamine / MDMA	See Comment	ng/mL	20	
Comment: Based on this screening result, confirmation testing was performed. Refer to the confirmation test result(s).				

### 5637SP Cocaine and Metabolites Confirmation, Serum/Plasma

Analysis by Gas Chromatography/Mass Spectrometry (GC/MS)

Cocaine	500	ng/mL	20	
Following oral or nasal intake of 2 mg/kg: Up to 200 ng/mL.				
Cocaethylene	500	ng/mL	20	
Synonym(s): Cocaine/Ethanol By-Product				
Benzoylcegonine	500	ng/mL	50	
Synonym(s): Cocaine Degradation Product				

### 5646SP Cannabinoids Confirmation, Serum/Plasma

Analysis by High Performance Liquid Chromatography/Tandem Mass Spectrometry (LC-MS/MS)

11-Hydroxy Delta-9 THC	50	ng/mL	1.0	
Synonym(s): Active Metabolite				
11-Hydroxy Delta-9 THC is an active intermediate metabolite of tetrahydrocannabinol (THC) the active component of marijuana. Usual peak levels: Less than 10% of THC levels after smoking.				
Delta-9 Carboxy THC	50	ng/mL	5.0	
Synonym(s): Inactive Metabolite				

Results for sample 17001865-001 are continued on next page



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**Sample ID** 17001865-001  
**Matrix** Serum or Plasma  
**Patient Name** 8758SP-POS  
**Patient ID** 8758SP-POS

**Collect Dt/Tm** Not Given  
**Source** Not Given

Analysis and Comments	Result	Units	Reporting Limit	Notes
Usual peak levels in serum for 1.75% or 3.55% THC marijuana cigarettes: 10 - 101 ng/mL about 32 to 240 minutes after beginning smoking, with a slow decline. Usually not detectable after passive inhalation.				
Delta-9 THC	50	ng/mL	0.50	
Synonym(s): Active Ingredient of Marijuana				
Usual peak levels in serum for 1.75% or 3.55% THC marijuana cigarettes: 50 - 270 ng/mL at 6 to 9 minutes after beginning smoking, decreasing to less than 5 ng/mL by 2 hrs.				
<b>5657SP Phencyclidine Confirmation, Serum/Plasma</b>				
Analysis by High Performance Liquid Chromatography/Tandem Mass Spectrometry (LC-MS/MS)				
Phencyclidine	500	ng/mL	5.0	
Synonym(s): Angel Dust; PCP; Sherm				
<b>5684SP Amphetamines Confirmation, Serum/Plasma</b>				
Analysis by High Performance Liquid Chromatography/Tandem Mass Spectrometry (LC-MS/MS)				
Ephedrine	50	ng/mL	5.0	
A single 24 mg oral dose resulted in a peak plasma concentration of approximately 100 ng/mL.				
During chronic daily oral therapy with 15 mg (3 times daily), a plasma level of 95 ng/mL was reported at 4 hours, and 65 ng/mL at 6 hours after one 15 mg dose.				
Pseudoephedrine	50	ng/mL	5.0	

Results for sample 17001865-001 are continued on next page



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Sample ID 17001865-001
Matrix Serum or Plasma
Patient Name 8758SP-POS
Patient ID 8758SP-POS

Collect Dt/Tm Not Given
Source Not Given

Table with 5 columns: Analysis and Comments, Result, Units, Reporting Limit, Notes. Contains data for Phenylpropanolamine, Norpseudoephedrine, Amphetamine, and Phentermine.

Results for sample 17001865-001 are continued on next page



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**Sample ID** 17001865-001  
**Matrix** Serum or Plasma  
**Patient Name** 8758SP-POS  
**Patient ID** 8758SP-POS

**Collect Dt/Tm** Not Given  
**Source** Not Given

Analysis and Comments	Result	Units	Reporting Limit	Notes
<p>A single 26 mg/70 kg oral dose produced a mean peak blood concentration of 90 ng/mL at 4 hours, declining to 30 ng/mL after 40 hours.</p> <p>Adults receiving 30 mg daily oral doses for 2 weeks achieved a mean steady-state plasma concentration of 360 ng/mL (range 180 to 510 ng/mL).</p>				
Methamphetamine	50	ng/mL	5.0	
<p>Therapeutic Range (treatment of Obesity and Attention Deficit Disorder) following a 12.5 mg oral dose: Mean peak blood concentrations were 20 ng/mL at 2.5 hours.</p> <p>This test reports Methamphetamine as the total of the undifferentiated d and l enantiomers. The ratio of these enantiomers is important in determining whether the source of Methamphetamine is from over the counter medications, prescribed medication or controlled substances.            Call lab for further information on d to l enantiomer ratio determination.</p>				
MDA	50	ng/mL	5.0	
<p>Synonym(s): 3,4-Methylenedioxyamphetamine; Adam; MDMA Metabolite</p> <p>MDA is a metabolite of MDMA and methylenedioxyethylamphetamine (MDEA) and is abused for its central nervous system stimulant and hallucinogenic properties.            The peak concentration of the MDA metabolite following a 110 mg dose of MDMA was reported as 28 ng/mL at 4 hours.</p>				
MDMA	50	ng/mL	5.0	
<p>Synonym(s): 3,4-Methylenedioxymethamphetamine; Ecstasy</p> <p>Following a single 50 mg oral dose, the mean peak plasma concentration was 110 ng/mL at 2 hours.</p>				
MDEA	50	ng/mL	5.0	
<p>Synonym(s): 3,4-methylenedioxyethamphetamine; Eve</p> <p>A single oral 140 mg dose given to 6 adults produced peak plasma concentrations that averaged 260 ng/mL at 2.2 hours.</p>				

**5811SP LSD Confirmation, Serum/Plasma**

Results for sample 17001865-001 are continued on next page



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**Sample ID** 17001865-001  
**Matrix** Serum or Plasma  
**Patient Name** 8758SP-POS  
**Patient ID** 8758SP-POS

**Collect Dt/Tm** Not Given  
**Source** Not Given

<b>Analysis and Comments</b>	<b>Result</b>	<b>Units</b>	<b>Reporting Limit</b>	<b>Notes</b>
Sample Receipt condition inappropriate for test code: [Not light protected as required]				
Analysis by High Performance Liquid Chromatography/Tandem Mass Spectrometry (LC-MS/MS)				
LSD	5.0	ng/mL	0.050	
Synonym(s): Lysergic Acid Diethylamide				
No reference data available.				