



NMS Labs

CONFIDENTIAL

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

Demo Report

Report Issued 03/30/2020 12:08
Last Report Issued 10/29/2019 08:52

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

Patient Name 1861B-POS
Patient ID 1861B-POS
Chain 19001698
Age Not Given DOB Not Given
Gender Not Given
Workorder 19001698
Received 10/14/2019 10:33

Sample ID 19001698-001
Matrix Blood
Patient Name 1861B-POS
Patient ID 1861B-POS
Container Type Clear vial

Collect Dt/Tm Not Given
Source Not Given

Approx Vol/Weight Not Given

Receipt Notes None Entered

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

1861B Drugs of Abuse Screen (7 Panel), Blood

Analysis by Enzyme-Linked Immunosorbent Assay (ELISA)

Table with 4 columns: Substance, Result, Units, Reporting Limit. Includes rows for Opiates, Cocaine / Metabolites, Cannabinoids, Amphetamines, Phencyclidine, and Methamphetamine / MDMA.

Results for sample 19001698-001 are continued on next page



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**Sample ID** 19001698-001  
**Matrix** Blood  
**Patient Name** 1861B-POS  
**Patient ID** 1861B-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).				
Oxycodone / Oxymorphone	See Comment	ng/mL	10	
Comment: Based on this screening result, confirmation testing was performed. Refer to the confirmation test result(s).				

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.

**50010B Amphetamines Confirmation, Blood**

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	
Following a 60 mg oral dose (immediate-release tablet or syrup), mean peak plasma concentrations of 180 to 360 ng/mL were reported at 3 hours.				
Following a 120 mg oral dose (controlled-release capsule), mean peak plasma concentrations of 265 to 315 ng/mL were reported.				
Chronic administration of 360 mg/day (of a controlled-release preparation) resulted in mean steady-state plasma concentrations between 500 and 640 ng/mL over a 10-day period.				
Phenylpropanolamine	50	ng/mL	20	
Synonym(s): Norephedrine; PPA				

Results for sample 19001698-001 are continued on next page



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**Sample ID** 19001698-001  
**Matrix** Blood  
**Patient Name** 1861B-POS  
**Patient ID** 1861B-POS

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

Analysis and Comments	Result	Units	Reporting Limit	Notes
Phenylpropanolamine is a drug as well as the metabolite of Ephedrine.  Following a single 50 mg oral dose (immediate-release tablet), the mean peak plasma concentration was 180 ng/mL at 1 to 2 hours.  Following a single 150 mg oral dose (sustained-release preparation), the mean peak plasma concentration was 280 ng/mL at 6 hours.				
Norpseudoephedrine Synonym(s): Cathine Norpseudoephedrine is a metabolite of Pseudoephedrine.	50	ng/mL	5.0	
Amphetamine Amphetamine is a drug as well as the metabolite of Methamphetamine.  Therapeutic Range (treatment of Narcolepsy or Attention Deficit Disorder) with doses between 10 and 30 mg daily: Mean peak plasma concentrations between 35 and 110 ng/mL.	50	ng/mL	5.0	
Phentermine Synonym(s): Adipex-P®; Ionamin®; Pro-Fast® 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.  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).	50	ng/mL	5.0	
Methamphetamine	50	ng/mL	5.0	

Results for sample 19001698-001 are continued on next page



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**Sample ID** 19001698-001  
**Matrix** Blood  
**Patient Name** 1861B-POS  
**Patient ID** 1861B-POS

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

Analysis and Comments	Result	Units	Reporting Limit	Notes
<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> <p>The blood to plasma ratio of MDA is approximately 1.2 - 1.3</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-methylenedioxyethylamphetamine; 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>				

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**50013B Cannabinoids Confirmation, Blood**

Results for sample 19001698-001 are continued on next page



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Sample ID 19001698-001
Matrix Blood
Patient Name 1861B-POS
Patient ID 1861B-POS

Collect Dt/Tm Not Given
Source Not Given

Table with 5 columns: Analysis and Comments, Result, Units, Reporting Limit, Notes. Contains rows for 11-Hydroxy Delta-9 THC, Delta-9 Carboxy THC, and Delta-9 THC.

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.

50014B Cocaine and Metabolites Confirmation, Blood

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

Table with 5 columns: Analysis and Comments, Result, Units, Reporting Limit, Notes. Contains rows for Cocaine, Cocaethylene, and Benzoylecgonine.

Results for sample 19001698-001 are continued on next page



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**Sample ID** 19001698-001  
**Matrix** Blood  
**Patient Name** 1861B-POS  
**Patient ID** 1861B-POS

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

Analysis and Comments	Result	Units	Reporting Limit	Notes
Synonym(s): Cocaine Degradation Product				
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.				
<b>50016B Opiates - Free (Unconjugated) Confirmation, Blood</b>				
Analysis by High Performance Liquid Chromatography/ Tandem Mass Spectrometry (LC-MS/MS)				
Dihydrocodeine / Hydrocodol - Free	50	ng/mL	5.0	
Synonym(s): Hydrocodone Metabolite				
Adult therapeutic range: 72-150 ng/mL.				
Codeine - Free	50	ng/mL	5.0	
Adult therapeutic range: 20-210 ng/mL.				
Morphine - Free	50	ng/mL	5.0	
Synonym(s): Codeine Metabolite				
Adult therapeutic range: <73 ng/mL.				
Hydrocodone - Free	50	ng/mL	5.0	
Synonym(s): Vicodin®; Zohydro®				
Adult therapeutic range: 6-29 ng/mL.				
6-Monoacetylmorphine - Free	50	ng/mL	1.0	
Synonym(s): 6-MAM; Heroin Metabolite				
6-Monoacetylmorphine is a metabolite of heroin.				
Hydromorphone - Free	50	ng/mL	1.0	
Synonym(s): Dilaudid®; Hydrocodone Metabolite				
Adult therapeutic range: 5-20 ng/mL.				
Oxycodone - Free	50	ng/mL	5.0	
Synonym(s): OxyContin®; Roxicodone®				
Adult therapeutic range: 13-120 ng/mL.				
Oxymorphone - Free	50	ng/mL	1.0	
Synonym(s): Numorphan®; Opana®; Oxycodone Metabolite				
Adult therapeutic range: 3-8 ng/mL.				

Results for sample 19001698-001 are continued on next page



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**Sample ID** 19001698-001  
**Matrix** Blood  
**Patient Name** 1861B-POS  
**Patient ID** 1861B-POS

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

Analysis and Comments	Result	Units	Reporting Limit	Notes
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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.

**50017B Phencyclidine Confirmation, Blood**

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

Phencyclidine	50	ng/mL	5.0	
Synonym(s): PCP; Sherm; Angel Dust				

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