



NMS Labs

CONFIDENTIAL

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

Demo Report

Report Issued 05/31/2018 09:49
Last Report Issued 05/24/2018 13:12

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

Patient Name 8096U-POS
Patient ID 8096U-POS
Chain 18000616
Age Not Given DOB Not Given
Gender Not Given
Workorder 18000616
Received 05/24/2018 10:16

Sample ID 18000616-001
Matrix Urine
Patient Name 8096U-POS
Patient ID 8096U-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. Contains data for 8096U Drugs of Abuse Screen (11 Panel), Urine (Forensic) with sub-headers for Opiates, Cocaine / Metabolites, Benzodiazepines, Cannabinoids, Barbiturates, and Methadone / Metabolite.

Results for sample 18000616-001 are continued on next page



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Sample ID 18000616-001
Matrix Urine
Patient Name 8096U-POS
Patient ID 8096U-POS

Collect Dt/Tm Not Given
Source Not Given

Table with 5 columns: Analysis and Comments, Result, Units, Reporting Limit, Notes. Rows include Phencyclidine, Oxycodone / Oxymorphone, Amphetamines, MDMA, and Buprenorphine / Metabolite.

50010U Amphetamines Confirmation, Urine

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

Table with 4 columns: Substance Name, Result, Units, Reporting Limit. Rows include Ephedrine, Pseudoephedrine, Phenylpropanolamine, Norpseudoephedrine, Amphetamine, and Phentermine.

Results for sample 18000616-001 are continued on next page



**Sample ID** 18000616-001  
**Matrix** Urine  
**Patient Name** 8096U-POS  
**Patient ID** 8096U-POS

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

Analysis and Comments	Result	Units	Reporting Limit	Notes
Synonym(s): Pro-Fast®; Ionamin®; Adipex-P® 40% to 90% of a single dose is usually excreted unchanged in urine in 24 hrs.				
Methamphetamine	500	ng/mL	50	
During the first 24 hours after ingestion of 10 mg: 500 - 4000 ng/mL.  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.				
MDA	500	ng/mL	50	
Synonym(s): Adam; 3,4-Methylenedioxyamphetamine; MDMA Metabolite  MDA is a metabolite of MDMA and methylenedioxyethylamphetamine (MDEA) and is abused for its central nervous system stimulant and hallucinogenic properties.				
MDMA	500	ng/mL	50	
Synonym(s): Ecstasy; 3,4-Methylenedioxymethamphetamine				
MDEA	500	ng/mL	50	
Synonym(s): Eve; 3,4-methylenedioxyethylamphetamine				

**50011U Barbiturates Confirmation, Urine**

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

Butabarbital	50	mcg/mL	0.20	
Synonym(s): Butisol Sodium  Approximately 5 - 9% of a single dose is excreted unchanged in the urine over a period of 9 days.				
Butalbital	50	mcg/mL	0.20	
The disposition of butalbital has not been well studied in humans.				
Amobarbital	50	mcg/mL	0.20	

Results for sample 18000616-001 are continued on next page



**Sample ID** 18000616-001  
**Matrix** Urine  
**Patient Name** 8096U-POS  
**Patient ID** 8096U-POS

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

Analysis and Comments	Result	Units	Reporting Limit	Notes
Approximately 1 - 3% of a dose is excreted unchanged in the urine. Following a single 600 mg oral dose, peak concentrations ranged from 2.5 - 3.7 mcg/mL over a 21 hour period.				
Pentobarbital Less than 1% of a dose is eliminated in the urine as unchanged drug.	50	mcg/mL	0.20	
Secobarbital Synonym(s): Seconal® Secobarbital undergoes extensive biotransformation. However, approximately 5% of secobarbital is excreted unchanged in the urine within 2 days.	50	mcg/mL	0.20	
Phenobarbital Synonym(s): Luminal® For patients on chronic therapy, a mean of 20% (range, 12 - 55%) of the dose is excreted unchanged in the 24 hour urine.	50	mcg/mL	0.20	
<b>50012U Benzodiazepines Confirmation, Urine</b>				
Analysis by High Performance Liquid Chromatography/ Tandem Mass Spectrometry (LC-MS/MS)				
Diazepam Synonym(s): Valium®	50	ng/mL	20	
Nordiazepam Synonym(s): Chlordiazepoxide Metabolite	50	ng/mL	20	
Oxazepam Synonym(s): Serax®	50	ng/mL	20	
Temazepam Synonym(s): Normison®; Diazepam Metabolite No reference data available.	50	ng/mL	20	
Clobazam Synonym(s): Urbanyl®; Frisium®	50	ng/mL	20	
Chlordiazepoxide Synonym(s): Librium®	50	ng/mL	20	

Results for sample 18000616-001 are continued on next page



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Sample ID 18000616-001
Matrix Urine
Patient Name 8096U-POS
Patient ID 8096U-POS

Collect Dt/Tm Not Given
Source Not Given

Table with 5 columns: Analysis and Comments, Result, Units, Reporting Limit, Notes. Contains data for various benzodiazepines like Lorazepam, Clonazepam, Alprazolam, etc.

50013U Cannabinoids Confirmation, Urine

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

Table with 4 columns: Analysis and Comments, Result, Units, Reporting Limit. Row for Delta-9 Carboxy THC - Total.

50014U Cocaine and Metabolites Confirmation, Urine

Results for sample 18000616-001 are continued on next page



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Sample ID 18000616-001
Matrix Urine
Patient Name 8096U-POS
Patient ID 8096U-POS

Collect Dt/Tm Not Given
Source Not Given

Table with 5 columns: Analysis and Comments, Result, Units, Reporting Limit, Notes. Contains data for Cocaine, Benzoylecgonine, Methadone, EDDP, and various opiates.

Results for sample 18000616-001 are continued on next page



**Sample ID** 18000616-001  
**Matrix** Urine  
**Patient Name** 8096U-POS  
**Patient ID** 8096U-POS

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

Analysis and Comments	Result	Units	Reporting Limit	Notes
Synonym(s): Dilaudid®; Hydrocodone Metabolite				
Oxycodone - Free	250	ng/mL	25	
Synonym(s): Roxicodone®; OxyContin®				
Oxymorphone - Free	250	ng/mL	5.0	
Synonym(s): Opana®; Numorphan®; Oxycodone Metabolite				
<b>50017U Phencyclidine Confirmation, Urine</b>				
Analysis by High Performance Liquid Chromatography/ Tandem Mass Spectrometry (LC-MS/MS)				
Phencyclidine	50	ng/mL	5.0	
Synonym(s): PCP; Sherm; Angel Dust				
<b>52167U Buprenorphine and Metabolite - Total (Conjugated/Unconjugated) Confirmation, Urine</b>				
Analysis by High Performance Liquid Chromatography/ Tandem Mass Spectrometry (LC-MS/MS)				
Buprenorphine - Total	500	ng/mL	5.0	
Synonym(s): Buprenex®				
The reported result represents the total of free and conjugated buprenorphine.				
Norbuprenorphine - Total	500	ng/mL	5.0	
Synonym(s): Buprenorphine Metabolite				
Buprenorphine is metabolized in the liver by N-dealkylation to norbuprenorphine and both buprenorphine and norbuprenorphine undergo glucuronide conjugation. The reported result represents the total of free and conjugated norbuprenorphine.				