NMS Labs
3701 Welsh Road, PO Box 433A, Willow Grove, PA 19090-0437
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Robert A. Middleberg, PhD, F-ABFT, DABCC-TC, Laboratory Director

CONFIDENTIAL

Demo Report

Report Issued 05/31/2018 09:50
Last Report Issued 05/24/2018 13:12

88888
Clinical Example Report
Attn: IT Department
3701 Welsh Road
Willow Grove, PA 19090

Patient Name 8101U-POS
Patient ID 8101U-POS
Chain 18000618
Age Not Given **DOB** Not Given
Gender Not Given
Workorder 18000618

Received 05/24/2018 10:16

Sample ID 18000618-001
Matrix Urine
Patient Name 8101U-POS
Patient ID 8101U-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
8101U Drugs of Abuse (11 Panel) and Alcohol Screen, Urine (Forensic)				
Analysis by Enzyme Immunoassay (EIA)				
Opiates	See Comment	ng/mL	300	
Comment: Based on this screening result, confirmation testing was performed. Refer to the confirmation test result(s).				
Cocaine / Metabolites	See Comment	ng/mL	150	
Comment: Based on this screening result, confirmation testing was performed. Refer to the confirmation test result(s).				
Benzodiazepines	See Comment	ng/mL	50	
Comment: Based on this screening result, confirmation testing was performed. Refer to the confirmation test result(s).				
Cannabinoids	See Comment	ng/mL	50	
Comment: Based on this screening result, confirmation testing was performed. Refer to the confirmation test result(s).				
Barbiturates	See Comment	mcg/mL	0.30	
Comment: Based on this screening result, confirmation testing was performed. Refer to the confirmation test result(s).				
Methadone / Metabolite	See Comment	ng/mL	300	

Results for sample 18000618-001 are continued on next page

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Sample ID 18000618-001
Matrix Urine
Patient Name 8101U-POS
Patient ID 8101U-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).				
Phencyclidine	See Comment	ng/mL	25	
Synonym(s): Angel Dust; PCP; Sherm				
Comment: Based on this screening result, confirmation testing was performed. Refer to the confirmation test result(s).				
Oxycodone / Oxymorphone	See Comment	ng/mL	100	
Comment: Based on this screening result, confirmation testing was performed. Refer to the confirmation test result(s).				
Analysis by Enzyme Immunoassay (EIA)				
Amphetamines	See Comment	ng/mL	500	
Comment: Based on this screening result, confirmation testing was performed. Refer to the confirmation test result(s).				
MDMA	See Comment	ng/mL	300	
Comment: Based on this screening result, confirmation testing was performed. Refer to the confirmation test result(s).				
Buprenorphine / Metabolite	See Comment	ng/mL	5.0	
Comment: Based on this screening result, confirmation testing was performed. Refer to the confirmation test result(s).				
Analysis by Headspace Gas Chromatography (GC)				
Ethanol	85	mg/dL	10	
Synonym(s): Ethyl Alcohol				
Ethyl alcohol (ethanol, drinking alcohol) is a central nervous system depressant and can cause effects such as impaired judgment, reduced alertness and impaired muscular coordination. Ethanol can also be a product of decomposition or degradation of biological samples.				
Methanol	85	mg/dL	5.0	
Synonym(s): Methyl Alcohol				

Results for sample 18000618-001 are continued on next page

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Sample ID 18000618-001
Matrix Urine
Patient Name 8101U-POS
Patient ID 8101U-POS

Collect Dt/Tm Not Given
Source Not Given

Analysis and Comments	Result	Units	Reporting Limit	Notes
Methanol is contained in paints, cleaners, windshield washer fluid, 'canned heat', and other household products. It may be consumed for its intoxicating properties which are similar to ethanol; however it is much more toxic. In addition to central nervous system depression with its associated slowing of reaction time, lethargy and confusion, methanol can cause blindness due to its toxic metabolites.				
Isopropanol	85	mg/dL	5.0	
Synonym(s): Isopropyl Alcohol				
Isopropanol is a common industrial and laboratory chemical that is available as a 70% aqueous solution in 'Rubbing Alcohol'. Isopropanol may be consumed for its intoxicating effects. Isopropanol produces effects in man similar to those produced by ethanol, including impairment of cognitive, perceptual and psychomotor capabilities presenting as decrements in alertness, judgment, perception, coordination, response time and sense of care and caution. As a central nervous system depressant, isopropanol has about two times the potency of ethanol; therefore, while the effects produced are similar, impairment caused by isopropyl alcohol will occur at blood concentrations substantially lower than those of ethanol. Isopropyl alcohol is metabolized to acetone, however acetone produced in the body as a result of uncontrolled diabetes can also be converted to isopropanol.				
Acetone	85	mg/dL	5.0	
Acetone is a solvent used for chemicals, paints, etc. It is also a product of diabetic- and fasting-induced ketoacidosis as well as a metabolite following isopropanol ingestion. In high concentrations, acetone can have CNS-depressing effects. Symptoms include lethargy, ataxia, headache, nausea and lightheadedness. Stupor and coma appear in severe cases. Acetone produced in the body as a result of uncontrolled diabetes can also be converted to isopropanol.				

5223U Amphetamines Quantitation/Confirmation, Urine

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

Results for sample 18000618-001 are continued on next page

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Sample ID 18000618-001
Matrix Urine
Patient Name 8101U-POS
Patient ID 8101U-POS

Collect Dt/Tm Not Given
Source Not Given

Analysis and Comments	Result	Units	Reporting Limit	Notes
Ephedrine	500	ng/mL	50	
Pseudoephedrine	500	ng/mL	50	
Phenylpropanolamine	500	ng/mL	50	
Synonym(s): Norephedrine; PPA				
Norpseudoephedrine	500	ng/mL	50	
Synonym(s): Cathine				
Norpseudoephedrine is a metabolite of Pseudoephedrine.				
Amphetamine	500	ng/mL	50	
Phentermine	500	ng/mL	50	
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-methylenedioxyethamphetamine				

Results for sample 18000618-001 are continued on next page

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Sample ID 18000618-001
Matrix Urine
Patient Name 8101U-POS
Patient ID 8101U-POS

Collect Dt/Tm Not Given
Source Not Given

Analysis and Comments	Result	Units	Reporting Limit	Notes
53167U Buprenorphine and Metabolite - Total (Conjugated/Unconjugated) Confirmation, Urine				
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.				
53250U Alcohols and Acetone Confirmation, Urine				
Analysis by Headspace Gas Chromatography (GC)				
Ethanol	Confirmed	mg/dL	10	
Synonym(s): Ethyl Alcohol				
Methanol	Confirmed	mg/dL	5.0	
Synonym(s): Methyl Alcohol				
Isopropanol	Confirmed	mg/dL	5.0	
Synonym(s): Isopropyl Alcohol				
Acetone	Confirmed	mg/dL	5.0	
5637U Cocaine and Metabolites Confirmation, Urine				
Analysis by Gas Chromatography/Mass Spectrometry (GC/MS)				
Cocaine	500	ng/mL	200	
Cocaethylene	500	ng/mL	200	

Results for sample 18000618-001 are continued on next page

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Matrix Urine
Patient Name 8101U-POS
Patient ID 8101U-POS

Collect Dt/Tm Not Given
Source Not Given

Analysis and Comments	Result	Units	Reporting Limit	Notes
Synonym(s): Cocaine/Ethanol By-Product				
Benzoylecgonine	500	ng/mL	150	
Synonym(s): Cocaine Degradation Product				
5641U Benzodiazepines Confirmation, Urine				
Analysis by High Performance Liquid Chromatography/ Tandem Mass Spectrometry (LC-MS/MS)				
Diazepam	50	ng/mL	20	
Synonym(s): Valium®				
Nordiazepam	50	ng/mL	20	
Oxazepam	50	ng/mL	20	
Synonym(s): Serax®				
Temazepam	50	ng/mL	20	
Synonym(s): Normison®; Restoril®				
Clobazam	50	ng/mL	20	
Synonym(s): Frisium®; Urbanyl®				
Chlordiazepoxide	50	ng/mL	20	
Synonym(s): Librium®				
Lorazepam	50	ng/mL	10	
Synonym(s): Ativan®				
7-Amino Clonazepam	50	ng/mL	5.0	
Synonym(s): Clonazepam Metabolite				
Alprazolam	50	ng/mL	5.0	
Synonym(s): Xanax®				
Alpha-Hydroxyalprazolam	50	ng/mL	10	
Synonym(s): Alprazolam Metabolite				
1-Hydroxymidazolam	50	ng/mL	5.0	
Synonym(s): Midazolam Metabolite				
Hydroxytriazolam	50	ng/mL	5.0	
Synonym(s): Triazolam Metabolite				
Hydroxyethylflurazepam	50	ng/mL	5.0	

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Sample ID 18000618-001
Matrix Urine
Patient Name 8101U-POS
Patient ID 8101U-POS

Collect Dt/Tm Not Given
Source Not Given

Analysis and Comments	Result	Units	Reporting Limit	Notes
Synonym(s): Flurazepam Metabolite				
Desalkylflurazepam	50	ng/mL	5.0	
Synonym(s): Flurazepam Metabolite				
Estazolam	50	ng/mL	5.0	
Synonym(s): ProSom®				
No reference data available.				
5645U Opiates - Free (Unconjugated) Confirmation, Urine				
Analysis by High Performance Liquid Chromatography/ Tandem Mass Spectrometry (LC-MS/MS)				
Dihydrocodeine / Hydrocodol - Free	250	ng/mL	25	
Codeine - Free	250	ng/mL	25	
Morphine - Free	250	ng/mL	25	
Hydrocodone - Free	250	ng/mL	25	
Synonym(s): Vicodin®; Zohydro®				
6-Monoacetylmorphine - Free	250	ng/mL	5.0	
Synonym(s): 6-MAM; Heroin Metabolite				
6-Monoacetylmorphine is a metabolite of heroin.				
Hydromorphone - Free	250	ng/mL	5.0	
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				
5646U Cannabinoids Confirmation, Urine				
Analysis by High Performance Liquid Chromatography/ Tandem Mass Spectrometry (LC-MS/MS)				
Delta-9 Carboxy THC - Total	50	ng/mL	5.0	
Synonym(s): Major THC Marijuana Metabolite				

Results for sample 18000618-001 are continued on next page

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Sample ID 18000618-001
Matrix Urine
Patient Name 8101U-POS
Patient ID 8101U-POS

Collect Dt/Tm Not Given
Source Not Given

Analysis and Comments	Result	Units	Reporting Limit	Notes
No reference data available.				
5651U 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	
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	50	mcg/mL	0.20	
Less than 1% of a dose is eliminated in the urine as unchanged drug.				
Secobarbital	50	mcg/mL	0.20	
Synonym(s): Seconal®				
Secobarbital undergoes extensive biotransformation. However, approximately 5% of secobarbital is excreted unchanged in the urine within 2 days.				
Phenobarbital	50	mcg/mL	0.20	
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.				
5657U Phencyclidine Confirmation, Urine				
Analysis by High Performance Liquid Chromatography/ Tandem Mass Spectrometry (LC-MS/MS)				
Phencyclidine	50	ng/mL	5.0	

Results for sample 18000618-001 are continued on next page

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Sample ID 18000618-001
Matrix Urine
Patient Name 8101U-POS
Patient ID 8101U-POS

Collect Dt/Tm Not Given
Source Not Given

Analysis and Comments	Result	Units	Reporting Limit	Notes
Synonym(s): Angel Dust; Sherm; PCP				
No reference data available.				
5682U Methadone and Metabolite Confirmation, Urine				
Analysis by High Performance Liquid Chromatography/ Tandem Mass Spectrometry (LC-MS/MS)				
Methadone	500	ng/mL	200	
Synonym(s): Dolophine®				
EDDP	500	ng/mL	200	
Synonym(s): Methadone Metabolite				
In maintenance subjects: Up to 50000 ng of Methadone plus Methadone Metabolites/mL Urine.				