

200 Welsh Road, Horsham, PA 19044-2208 Phone: (215) 657-4900 Fax: (215) 657-2972 e-mail: nms@nmslabs.com Robert A. Middleberg, PhD, F-ABFT, DABCC-TC, Laboratory Director

Demo Report

Report Issued05/31/2018 09:49Last Report Issued05/24/2018 13:12

88888 Clinical Example Report Attn: IT Department 200 Welsh Road Horsham, PA 19044-2208 Patient Name 8096U-POSPatient ID 8096U-POSChain 18000616Age Not GivenDOB Not GivenGender Not GivenWorkorder18000616

Received 05/24/2018 10:16

Sample ID 18000616-001 Matrix Urine	Collect Dt/Tm Not Given Source Not Given
Patient Name 8096U-POS	Source Not Siven
Patient ID 8096U-POS Container Type Clear vial	Approx Vol/Weight Not Given

Receipt Notes None Entered

Analysis and	Comments	Result	Units	Reporting Limit	Notes
8096U Drugs (Forensic)	of Abuse Screen (11 Panel), Urine				
Analysis by Enz	zyme Immunoassay (EIA)				
Opiates		See Comment	ng/mL	300	
Comment:	Based on this screening result, confirma performed. Refer to the confirmation tes	5			
Cocaine / Met	abolites	See Comment	ng/mL	150	
Comment:	Based on this screening result, confirmation testing was performed. Refer to the confirmation test result(s).				
Benzodiazepir	nes	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, confirma performed. Refer to the confirmation tes				
Methadone / N	<i>A</i> etabolite	See Comment	ng/mL	300	
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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

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, confi performed. Refer to the confirmation				
Oxycodone / C	Dxymorphone	See Comment	ng/mL	100	
Comment:	Based on this screening result, confi performed. Refer to the confirmation				
Analysis by Enz	yme Immunoassay (EIA)				
Amphetamines	3	See Comment	ng/mL	500	
Comment:	Based on this screening result, confi performed. Refer to the confirmation				
MDMA		See Comment	ng/mL	300	
Comment:	Based on this screening result, confi performed. Refer to the confirmation				
Buprenorphine	/ Metabolite	See Comment	ng/mL	5.0	
Comment:	Based on this screening result, confi performed. Refer to the confirmation				
50010U Amph	etamines Confirmation, Urine				
	n Performance Liquid Chromatography pectrometry (LC-MS/MS)	1			
Ephedrine		500	ng/mL	50	
Pseudoephedr	ine	500	ng/mL	50	
Phenylpropano	blamine	500	ng/mL	50	
Synonym(s):	Norephedrine; PPA				
Norpseudoeph	edrine	500	ng/mL	50	
Synonym(s):	Cathine				
Norpseudoepl	nedrine is a metabolite of Pseudoephe	drine.			
Amphetamine		500	ng/mL	50	
Phentermine		500	ng/mL	50	



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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 I 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 I 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-Methylenedioxymethamphet	tamine			
MDEA	500	ng/mL	50	
Synonym(s): Eve; 3,4-methylenedioxyethamphetamine	e			
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	



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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

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	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.				
50012U 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	
Synonym(s): Chlordiazepoxide Metabolite				
Oxazepam	50	ng/mL	20	
Synonym(s): Serax®				
Temazepam	50	ng/mL	20	
Synonym(s): Normison®; Diazepam Metabolite				
No reference data available.				
Clobazam	50	ng/mL	20	
Synonym(s): Urbanyl®; Frisium®				
Chlordiazepoxide	50	ng/mL	20	
Synonym(s): Librium®				



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Analysis and Comments	Result	Units	Reporting Limit Notes
No reference data available.			
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
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.			
50013U 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): Inactive Metabolite			
No reference data available.			
50014U Cocaine and Metabolites Confirmation, Urine			



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Analysis and Comments	Result	Units	Reporting Limit Notes
Analysis by Gas Chromatography/Mass Spectrometry (GC/MS)			
Cocaine	500	ng/mL	200
Cocaethylene	500	ng/mL	200
Synonym(s): Cocaine/Ethanol By-Product			
Benzoylecgonine	500	ng/mL	150
Synonym(s): Cocaine Degradation Product			
50015U Methadone and Metabolite Confirmation	on,		
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			
50016U Opiates - Free (Unconjugated) Confirmation, Urine			
Analysis by High Performance Liquid Chromatography/ Tandem Mass Spectrometry (LC-MS/MS)			
Dihydrocodeine / Hydrocodol - Free	250	ng/mL	25
Synonym(s): Hydrocodone Metabolite			
Codeine - Free	250	ng/mL	25
Morphine - Free	250	ng/mL	25
Synonym(s): Codeine Metabolite			
Hydrocodone - Free	250	ng/mL	25
Synonym(s): Zohydro®; Vicodin®			
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



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Analysis and	Comments	Result	Units	Reporting Limit	Notes
Synonym(s):	Dilaudid®; Hydrocodone Metabolite				
Oxycodone - F	ree	250	ng/mL	25	
Synonym(s):	Roxicodone®; OxyContin®				
Oxymorphone	- Free	250	ng/mL	5.0	
Synonym(s):	Opana®; Numorphan®; Oxycodone Metabo	blite			
50017U Pheno	cyclidine Confirmation, Urine				
	Performance Liquid Chromatography/ pectrometry (LC-MS/MS)				
Phencyclidine		50	ng/mL	5.0	
Synonym(s):	PCP; Sherm; Angel Dust				
	norphine and Metabolite - Total Inconjugated) Confirmation, Urine				
	Performance Liquid Chromatography/ pectrometry (LC-MS/MS)				
Buprenorphine	- Total	500	ng/mL	5.0	
Synonym(s):	Buprenex®				
The reported r conjugated bu	esult represents the total of free and prenorphine.				
Norbuprenorph	nine - Total	500	ng/mL	5.0	
Synonym(s):	Buprenorphine Metabolite				
N-dealkylation buprenorphine conjugation. T	e is metabolized in the liver by to norbuprenorphine and both and norbuprenorphine undergo glucuronide he reported result represents the total njugated norbuprenorphine.				