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

CONFIDENTIAL

Demo Report

Report Issued 09/29/2017 13:06
Last Report Issued 09/22/2017 10:01

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

Patient Name 8600SP-POS
Patient ID 8600SP-POS
Chain 17001823
Age Not Given **DOB** Not Given
Gender Not Given
Workorder 17001823

Received 09/21/2017 10:21

Sample ID 17001823-001
Matrix Serum or Plasma
Patient Name 8600SP-POS
Patient ID 8600SP-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
8600SP Amphetamines Panel, Serum/Plasma				
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.				

Results for sample 17001823-001 are continued on next page

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Sample ID 17001823-001
Matrix Serum or Plasma
Patient Name 8600SP-POS
Patient ID 8600SP-POS

Collect Dt/Tm Not Given
Source Not Given

Analysis and Comments	Result	Units	Reporting Limit	Notes
Phenylpropanolamine	50	ng/mL	5.0	
Synonym(s): Norephedrine; PPA				
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	50	ng/mL	5.0	
Synonym(s): Cathine				
Norpseudoephedrine is a metabolite of Pseudoephedrine.				
Amphetamine	50	ng/mL	5.0	
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.				
Phentermine	50	ng/mL	5.0	
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).				
Methamphetamine	50	ng/mL	5.0	

Results for sample 17001823-001 are continued on next page

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Matrix Serum or Plasma
Patient Name 8600SP-POS
Patient ID 8600SP-POS

Collect Dt/Tm Not Given
Source Not Given

Analysis and Comments	Result	Units	Reporting Limit	Notes
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. 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	50	ng/mL	5.0	
Synonym(s): 3,4-Methylenedioxyamphetamine; Adam; MDMA Metabolite 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.				
MDMA	50	ng/mL	5.0	
Synonym(s): 3,4-Methylenedioxymethamphetamine; Ecstasy Following a single 50 mg oral dose, the mean peak plasma concentration was 110 ng/mL at 2 hours.				
MDEA	50	ng/mL	5.0	
Synonym(s): 3,4-methylenedioxyethamphetamine; Eve A single oral 140 mg dose given to 6 adults produced peak plasma concentrations that averaged 260 ng/mL at 2.2 hours.				