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

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Demo Report

Report Issued 03/30/2020 14:05
Last Report Issued 09/27/2018 14:35

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

Patient Name 8620SP-POS
Patient ID 8620SP-POS
Chain 18001430
Age Not Given **DOB** Not Given
Gender Not Given
Workorder 18001430

Received 09/25/2018 08:52

Sample ID 18001430-001
Matrix Serum or Plasma
Patient Name 8620SP-POS
Patient ID 8620SP-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
8620SP Barbiturates Panel, Serum/Plasma				
Analysis by Gas Chromatography/Mass Spectrometry (GC/MS)				
Butabarbital	25	mcg/mL	0.20	
Synonym(s): Butisol Sodium				
Plasma concentrations of 2 - 3 mcg/mL produce sedation and plasma concentrations of 25 mcg/mL produce sleep in most patients. Plasma concentrations of greater than 30 mcg/mL may produce coma and plasma concentrations in excess of 50 mcg/mL are potentially lethal.				
Butalbital	25	mcg/mL	0.20	
A single oral 100 mg dose resulted in a mean peak blood concentration of 2.1 mcg/mL (range, 1.7 - 2.6 mcg/mL) at 2 hours, with a decline to 1.5 mcg/mL (range, 1.3 - 1.7 mcg/mL) by 24 hours. Potentially toxic at plasma concentrations greater than 10 mcg/mL.				
Amobarbital	25	mcg/mL	0.20	ELEVATED

Results for sample 18001430-001 are continued on next page

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Sample ID 18001430-001
Matrix Serum or Plasma
Patient Name 8620SP-POS
Patient ID 8620SP-POS

Collect Dt/Tm Not Given
Source Not Given

Analysis and Comments	Result	Units	Reporting Limit	Notes
Following a single oral administration of 120 mg, serum concentrations peaked at about 1.8 mcg/mL at 2 hours, and declined slowly thereafter with a half-life of approximately 24 hours. Potentially toxic at plasma concentrations greater than 9 mcg/mL.				
Pentobarbital	25	mcg/mL	0.20	
Peak serum concentrations of 1.2 - 3.1 mcg/mL were produced 0.5 - 2.0 hours after a 100 mg oral dose and peak serum concentrations of 3 mcg/mL were produced 6 min. following a 100 mg IV dose. Potentially toxic at blood concentrations greater than 10 mcg/mL.				
Secobarbital	25	mcg/mL	0.20	
Synonym(s): Seconal®				
A 3.3 mg/kg oral dose (approx. 230 mg/70 kg) produced a mean peak blood concentration of 2.0 mcg/mL (range, 1.8 - 2.2 mcg/mL) at 3 hours, diminishing to 1.3 mcg/mL by 20 hours and 0.8 mcg/mL by 40 hours. Potentially toxic at blood concentrations greater than 8 mcg/mL.				
Phenobarbital	25	mcg/mL	0.50	
Synonym(s): Luminal®				
Serum/plasma concentrations of 10 - 30 mcg/mL are generally considered desirable when given as an anticonvulsant.				

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.