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

CONFIDENTIAL

Demo Report

Report Issued 01/04/2019 07:23
Last Report Issued 08/27/2018 14:32

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

Patient Name 2837B
Patient ID 2837B
Chain 18001198
Age Not Given **DOB** Not Given
Gender Not Given
Workorder 18001198

Received 08/27/2018 14:01

Sample ID 18001198-001
Matrix Blood
Patient Name 2837B
Patient ID 2837B
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
2837B Methanol Poisoning Profile, Blood				
Analysis by Headspace Gas Chromatography (GC)				
Acetaldehyde	None Detected	mg/dL	0.50	
Normal: Up to 0.02 mg/dL.				
Acetaldehyde is an unstable compound post-collection and will both form and degrade under certain sample handling conditions. Even when extreme precautions are taken to maintain the integrity of Acetaldehyde during sample collection, transport and analysis, the results will be affected under typical collection and laboratory procedures.				
Ethanol	None Detected	mg/dL	5.0	
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	None Detected	mg/dL	5.0	
Synonym(s): Methyl Alcohol				

Results for sample 18001198-001 are continued on next page

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Sample ID 18001198-001
Matrix Blood
Patient Name 2837B
Patient ID 2837B

Collect Dt/Tm Not Given
Source Not Given

Analysis and Comments	Result	Units	Reporting Limit	Notes
Endogenous blood levels of methanol from metabolic and dietary sources are approximately 0.15 mg/dL. Exposure to 800 ppm methanol for 8 hours produced a maximum average blood methanol concentration of 3.1 mg/dL.				
Isopropanol Synonym(s): Isopropyl Alcohol Three workers exposed to 191 - 200 ppm isopropanol in air had blood isopropanol concentrations <1 mg/dL; acetone levels were 4 - 16 mg/dL during the exposure. After a sponge bath with isopropanol, one adult had a blood isopropanol concentration of 10 mg/dL.	None Detected	mg/dL	1.0	
Acetone Normal: Up to 3 mg/dL. Blood Acetone concentrations are markedly elevated during diabetic or fasting ketoacidosis and may range from 10 - 70 mg/dL.	None Detected	mg/dL	0.50	
Analysis by Gas Chromatography/Mass Spectrometry (GC/MS)				
Formic Acid Synonym(s): Formate; Methanol Metabolite Normal blood averages 6 mcg/mL (range 0 - 12). Formic acid is also a metabolite of methanol, formaldehyde, and methyl formate among others. Values may vary depending on environmental and occupational exposures, diet, nutritional condition, and pregnancy status.	None Detected	mcg/mL	1.0	