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

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Demo Report

Report Issued 03/25/2019 07:13
Last Report Issued 03/25/2019 07:13

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

Patient Name 0088U-POS
Patient ID 0088U-POS
Chain 19000260
Age Not Given **DOB** Not Given
Gender Not Given
Workorder 19000260

Received 02/01/2019 08:45

Sample ID 19000260-001
Matrix Urine
Patient Name 0088U-POS
Patient ID 0088U-POS
Container Type Clear vial

Collect Dt/Tm Not Given
Source Not Given

Approx Vol/Weight Not Given

Receipt Notes Not frozen as required

Analysis and Comments	Result	Units	Reporting Limit	Notes
0088U Acetonitrile Exposure Profile, Urine				
Sample Receipt condition inappropriate for test code: [Not frozen as required]				
Analysis by Gas Chromatography/Mass Spectrometry (GC/MS)				
Formic Acid	50	mcg/mL	0.50	
Synonym(s): Formate				
In a study of 70 non-exposed individuals, the median level of formic acid in urine was 13.6 mcg/mL (range 1.0 - 95 mcg/mL). 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.				
Formic Acid (Creatinine corrected)	10	mg/g Creat	0.10	
Synonym(s): Formate				

Results for sample 19000260-001 are continued on next page

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Sample ID 19000260-001
Matrix Urine
Patient Name 0088U-POS
Patient ID 0088U-POS

Collect Dt/Tm Not Given
Source Not Given

Analysis and Comments	Result	Units	Reporting Limit	Notes
In a study of 70 non-exposed individuals, the median level of formic acid in urine was 14 mg/g creatinine with the 95th percentile at 23 mg/g creatinine (range 1.2 - 280 mg/g creatinine). 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.				
Analysis by High Performance Liquid Chromatography/Tandem Mass Spectrometry (LC-MS/MS)				
Thiocyanate	50	mcg/mL	0.10	ELEVATED
CDC/NHANES (2013-2014) U.S. general adult population: Non-smokers: Usually less than 3.6 mcg/mL Smokers: Usually less than 15 mcg/mL				
Thiocyanate (Creatinine corrected)	10	mg/g Creat	0.020	
CDC/NHANES (2013-2014) U.S. general adult population: Non-smokers: Usually less than 3.7 mg/g creatinine Smokers: Usually less than 16 mg/g creatinine				
Analysis by Colorimetry (C)				
Creatinine	5000	mg/L	100	ELEVATED
U.S. Population (10th - 90th percentiles, median) All participants: 335 - 2370 mg/L, median 1180 (n=22,245) Males: 495 - 2540 mg/L, median 1370 (n=10,610) Females: 273 - 2170 mg/L, median 994 (n=11,635)				
6022U Specific Gravity Confirmation, Urine				
Analysis by Refractometer (REF)				
Specific Gravity	1.100			ELEVATED
Physiologic range: 1.010 - 1.030. Samples with specific gravity lower than 1.010 are too dilute and should be recollected.				