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

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Demo Report

Report Issued 05/07/2018 07:17
Last Report Issued 12/15/2017 12:10

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

Patient Name 2358U-POS
Patient ID 2358U-POS
Chain 17002363
Age Not Given **DOB** Not Given
Gender Not Given
Workorder 17002363

Received 12/15/2017 12:05

Sample ID 17002363-001
Matrix Urine
Patient Name 2358U-POS
Patient ID 2358U-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
2358U 1-Hydroxypyrene, Urine				
Sample Receipt condition inappropriate for test code: [Not frozen as required]				
Analysis by Colorimetry (C)				
Creatinine	6000	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)				
Analysis by High Performance Liquid Chromatography/Tandem Mass Spectrometry (LC-MS/MS)				
1-Hydroxypyrene	50	ng/mL	0.40	
Synonym(s): 1-Pyrenol				

Results for sample 17002363-001 are continued on next page

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Sample ID 17002363-001
Matrix Urine
Patient Name 2358U-POS
Patient ID 2358U-POS

Collect Dt/Tm Not Given
Source Not Given

Analysis and Comments	Result	Units	Reporting Limit	Notes
The ACGIH BEI for exposure to polycyclic aromatic hydrocarbons (PAHs) is 2.5 ng/mL of 1-Hydroxypyrene in a urine sample collected at the end of shift end of workweek. Note: The BEI can be adjusted for the known Pyrene to Benzo(a)pryene ratio in the exposure mixture; otherwise, the default value of 2.5 ng/mL should be used.				
1-Hydroxypyrene (Creatinine corrected)	8.3	mcg/g Creat	0.066	
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.				