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

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Demo Report

Report Issued 10/01/2012 07:08

88888
Clinical Dummy reports
Attn: IT Department
200 Welsh Road
Horsham, PA 19044-2208

Patient Name 4778U
Patient ID 4778U
Chain 12001301
Age Not Given **Gender** Not Given

Workorder 12001301

Received 05/22/2012 11:12

Sample ID 12001301-001
Matrix Urine
Patient Name 4778U
Patient ID 4778U
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
4778U Vinyl Chloride Metabolite, Urine				
Analysis by Colorimetry (C)				
Creatinine	1000	mg/L	100	
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)				
Thiodiglycolic Acid	None Detected	mcg/mL	0.50	
Synonym(s): Thiodiglycolate; Vinyl Chloride Metabolite				
Thiodiglycolic Acid (Creatinine corrected)	None Detected	mg/g Creat	0.50	
Synonym(s): Vinyl Chloride Metabolite; Thiodiglycolate				

Results for sample 12001301-001 are continued on next page

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Sample ID 12001301-001
Matrix Urine
Patient Name 4778U
Patient ID 4778U

Collect Dt/Tm Not Given
Source Not Given

Analysis and Comments	Result	Units	Reporting Limit	Notes
Thiodiglycolic Acid (TDGH) is a normal urinary constituent and it is also a metabolite of Vinyl Chloride and many other chemicals including Ethanol. Some unexposed individuals had urinary levels of less than 2 mcg/mL (<2 mg/g Creatinine, assuming a 1,000 mg Creatinine/mL). Since urinary concentrations of Thiodiglycolic Acid may not increase significantly after low environmental exposure to Vinyl Chloride (<10 ppm), in addition to variation in basal concentrations in unexposed individuals, urinary monitoring may not be a good indicator of low dose exposure to Vinyl Chloride.				