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

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Demo Report

Report Issued 01/07/2019 07:33
Last Report Issued 11/13/2018 12:02

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

Patient Name 2490B-POS
Patient ID 2490B-POS
Chain 18001850
Age Not Given **DOB** Not Given
Gender Not Given
Workorder 18001850

Received 11/13/2018 11:43

Disclaimer: Specimens for elemental testing should be collected in certified metal-free containers. Elevated results for elemental testing may be caused by environmental contamination at the time of specimen collection and should be interpreted accordingly. It is recommended that unexpected elevated results be verified by testing another specimen.

Sample ID 18001850-001
Matrix Blood
Patient Name 2490B-POS
Patient ID 2490B-POS
Container Type Clear vial

Collect Dt/Tm Not Given
Source Not Given

Approx Vol/Weight Not Given

Receipt Notes Not light protected as required

Analysis and Comments	Result	Units	Reporting Limit	Notes
2490B Lead and ZPP, Blood				
Sample Receipt condition inappropriate for test code: [Not light protected as required]				
Analysis by Inductively Coupled Plasma/Mass Spectrometry (ICP/MS)				
Lead	0.80	mcg/dL	0.50	
The U.S. Centers for Disease Control and Prevention (CDC) reference value based on the 97.5th percentile of the blood lead level distribution in U.S. children aged 1-5 years is 5 mcg/dL.				
The U.S. Centers for Disease Control and Prevention (CDC) blood lead reference level for adults is less than 5 mcg/dL.				

Results for sample 18001850-001 are continued on next page

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Sample ID 18001850-001
Matrix Blood
Patient Name 2490B-POS
Patient ID 2490B-POS

Collect Dt/Tm Not Given
Source Not Given

Analysis and Comments	Result	Units	Reporting Limit	Notes
Refer to OSHA's website for workplace information. Various states require that levels above certain cutoffs must be reported to the state in which the patient resides. Please contact NMS Labs if you need assistance in supplying your state with the required information.				
Analysis by Hematofluorometry (H)				
ZPP	80	mcmol/mol heme	0.0	
Normal range for Zinc Protoporphyrin (ZPP) is 30 – 80 mcmol/mol heme. OSHA requires ZPP whole blood concentrations to be reported in units of mcg/dL. For adults assuming a hematocrit of 42%, the conversion factor is mcmol/mol heme x 0.544 = mcg/dL. The OSHA occupational threshold for ZPP in blood at 100 mcg/dL with an assumed hematocrit of 42% converts to approximately 180 mcmol/mol heme.				