



NMS Labs

CONFIDENTIAL

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

Demo Report

Report Issued 10/12/2021 07:43
Last Report Issued 09/24/2021 09:45

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

Patient Name 6364R-POS
Patient ID 6364R-POS
Chain 21000717
Age Not Given DOB Not Given
Gender Not Given
Workorder 21000717
Received 05/20/2021 10:48

Sample ID 21000717-001
Matrix RBCs
Patient Name 6364R-POS
Patient ID 6364R-POS
Container Type Clear vial

Collect Dt/Tm Not Given
Source Not Given

Approx Vol/Weight Not Given

Receipt Notes None Entered

Table with 5 columns: Analysis and Comments, Result, Units, Reporting Limit, Notes

6364R Inorganic Panel 64, RBCs

Analysis by Inductively Coupled Plasma/Mass Spectrometry (ICP/MS)

Arsenic 11 mcg/L 5.5

Reported overnight fasting reference range: 0.47 - 22 mcg/L

Mean = 4.8 mcg/L
Median = 2.0 mcg/L
19 of 21 normal subjects had concentrations less than 9.5 mcg/L
The RBC sample used for analysis was measured by weight and multiplied by the density of human RBC (1.10 g/mL)

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.

Lead 1.1 mcg/dL 0.55

Results for sample 21000717-001 are continued on next page



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Sample ID 21000717-001
Matrix RBCs
Patient Name 6364R-POS
Patient ID 6364R-POS

Collect Dt/Tm Not Given
Source Not Given

| Analysis and Comments | Result | Units | Reporting Limit | Notes |
|--|--------|-------|-----------------|-------|
| <p>NMS Labs derived data: 10th - 90th Percentile Data: Mean, 3.1 mcg/dL +/- 1.3 (SD); range, 1.1 - 6.9 mcg/dL (N = 26).</p> <p>The RBC sample used for analysis was measured by weight and multiplied by the density of human RBC (1.10 g/mL)</p> <p>Analysis by Inductively Coupled Plasma/Mass Spectrometry (ICP/MS)</p> | | | | |
| Aluminum | 100 | mcg/L | 20 | |
| <p>NMS Labs derived data: 10th - 90th Percentile Data: Mean, 18 mcg/L +/- 5.5 (SD); range, 10 - 57 mcg/L (N = 45).</p> <p>Analysis by Inductively Coupled Plasma/Mass Spectrometry (ICP/MS)</p> | | | | |
| Cadmium | 2.2 | mcg/L | 1.1 | |
| Nickel | 17 | mcg/L | 8.8 | |
| <p>Analysis by Inductively Coupled Plasma/Mass Spectrometry (ICP/MS)</p> | | | | |
| Mercury | 4.0 | mcg/L | 2.0 | |
| <p>NMS Labs derived data: 10th - 90th Percentile Data: Mean, 6.4 mcg/L +/- 2.5 (SD); range, 1 - 72 mcg/L (N = 436).</p> | | | | |

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.

This test was developed and its performance characteristics determined by NMS Labs. It has not been cleared or approved by the US Food and Drug Administration.