

Elemental Analysis - Whole Blood

Inductively Coupled Plasma/Mass Spectroscopy



Lab ID: _____
 Client ID: _____
 Collection Date: 04/21/2015
 Date Received: 04/30/2015
 Date Analyzed: 05/15/2015
 Batch: _____



Element	Result	Units	Reference Range	Percentile Rank by Quintile				
				20	40	60	80	100
Nutrient Elements								
Calcium	5.93	mg/dL	4.00 - 6.32					87%
Chromium	4 B	µg/L	< 1 - 11					41%
Copper	87	µg/dL	65 - 116					41%
Lithium	<1	µg/L	< 1 - 10	N/A				
Magnesium	3.78	mg/dL	2.93 - 4.37					63%
Molybdenum	0.3 B	µg/L	< 0.5 - 1.9					22%
Selenium	157	µg/L	108 - 495					21%
Zinc	619	µg/dL	465 - 823					41%
Potentially Toxic Elements								
Aluminum	8 B	µg/L	< 21					34%
Antimony	4.5	µg/L	< 7.4					37%
Arsenic	<0.5	µg/L	< 5.1	N/A				
Barium	1.4 B	µg/L	< 4.1					52%
Cadmium	0.3 B	µg/L	< 0.8					37%
Cobalt	<0.5	µg/L	< 0.5	N/A				
Lead	2.06	µg/dL	< 2.31					83%
Mercury	<0.3	µg/L	< 5.8	N/A				
Silver	<0.5	µg/L	< 0.8	N/A				
Strontium	24	µg/L	< 43					44%
Titanium	13	µg/L	< 25	N/A				

These test results are not for the diagnosis of disease. They are intended to provide nutritional guidelines to qualified healthcare professionals with a full knowledge of patient history to assist in their administration of an appropriate healthcare regimen.

Quicksilver Scientific 1376 Miner's Drive, Ste. 101 Lafayette, CO 80026 (303) 531-0861
 Lab Director: Christopher W. Shade, Ph.D.
www.quicksilverscientific.com

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Report Comments and Interpretation

Reference ranges compiled from laboratory generated data to reflect 5th-95th (or <95th) percentile ranking of sample population with the following exceptions:

- Upper limit of reference range for Antimony, Arsenic, Cadmium and Lead reflect the 90th percentile of population data.
- Upper reference range for Mercury reflects EPA specified guidelines.

The Blood Lead reference level for children ages 1-5 is 5 ug/dL which represents the highest 2.5% of the tested population (97.5 percentile).

-CDC Update October 30, 2012

Due to solubility issues specifically associated with Silver in this high pH matrix, results are estimated and typically have a low bias when detected.

Results for elements not detected are reported as "< method detection limit"

Percentile Rankings are only plotted for elements with sufficient population data and only for results greater than the element's detection limit.

Results containing a "B" indicate that the reported value is between the method's detection and quantitation limit and should be considered estimated. These results are reported with 99% confidence that the result is greater than zero but the data is not quantifiable and the uncertainty is +/- 100%.

Report Qualifiers

Lead

CB -- Analyte concentration verified by repeat analysis.