

Patient: **SAMPLE**  
**PATIENT**

DOB:  
Sex:  
MRN:

**3528 Elemental Analysis - Blood**  
Methodology: ICP-MS

Nutrient Elements		Toxic Elements*	
Element	Reference Range	Element	Reference Range
Chromium (whole blood)	0.18	Lead	3.34
Copper (plasma)	118.8	Mercury	35.13
Magnesium (RBC)	38.0	Arsenic	5.8
Manganese (whole blood)	3.7	Cadmium	<DL
Potassium (RBC)	2,729		
Selenium (whole blood)	109		
Vanadium (whole blood)	1.73		
Zinc (plasma)	69.7		

\* All toxic Elements are measured in whole blood. The reference ranges for Lead, Mercury, and Cadmium are derived from the 95th percentile from NHANES

The Elemental reference ranges are based on an adult population.

**Commentary**

This test has been developed and its performance characteristics determined by Genova Diagnostics, Inc. It has not been cleared by the U.S. Food and Drug Administration.

The **Reference Range** is a statistical interval representing 95% or 2 Standard Deviations (2 S.D.) of the reference population. One Standard Deviation (1 S.D.) is a statistical interval representing 68% of the reference population. Values between 1 and 2 S.D. are not necessarily abnormal. Clinical correlation is suggested. (See example below)

