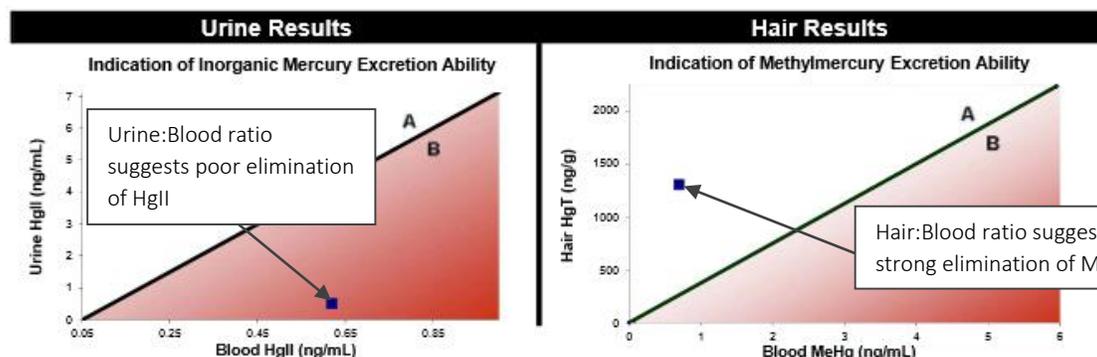
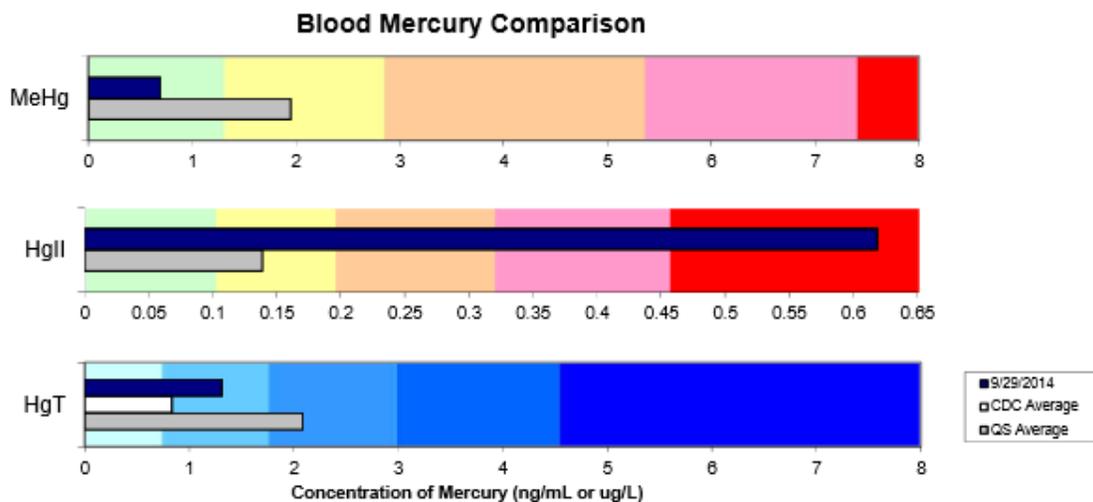


## Quicksilver Scientific Mercury Tri-Test

**Clinical Description:** The Quicksilver Mercury Tri-Test is the *only* clinical test that utilizes mercury speciation analysis, a patented advanced technology that *separates methyl mercury (MeHg) from inorganic mercury (HgII) and measures each directly*. Quicksilver Scientific's instruments are sensitive enough to measure ambient mercury levels in the body WITHOUT THE NEED FOR CHALLENGE TESTING. This technique provides unprecedented information for the healthcare practitioner, allowing them to assess the patient's exposure sources, body burden and ability to excrete each form of mercury. This detailed information helps build an informed picture and allows the clinician to plan a rational approach to successful detoxification.

### Why the QS Tri-Test sets the Global Standard for Mercury Testing

Quicksilver Scientific's Mercury Tri-Test gives the most comprehensive set of bioinformatics data available in current mercury diagnostic testing.



QS Tri-Test patented process shows ambient levels of both MeHg and HgII levels, DOES NOT require challenge testing, and shows the patient's ability to eliminate both types of mercury. Competitors rely on *single data-point analyses* to show only HgT or eliminated HgII/MeHg. QS's patented process shows both major mercury populations, and the patients elimination ability: ARE THEY ELIMINATING, OR ARE THEY ACCUMULATING?

To Order Test Kits Email us at: [Kits@QuicksilverScientific.com](mailto:Kits@QuicksilverScientific.com)

# Quicksilver Scientific Blood Metals Panel

Quicksilver Scientific offers whole blood elemental metals analysis to screen a broad range of toxic and nutrient metals and show elevated exposure to toxic metals or imbalances of nutrient metals. Using state of the art inductively coupled plasma/mass spectroscopy, this test includes levels for 19 metals **including both potentially toxic and beneficial nutrient metals**. Find out if your levels of the “bad guys” are in line, and also whether it may be beneficial to supplement with the “good guys.” Often imbalances of mineral pairs, especially copper to zinc ratios, can present clinically like heavy metal toxicity. Excess copper is also synergistically toxic with heavy metals like mercury, cadmium, arsenic, and lead.

Nutrient Elements: Calcium, Chromium, Copper, Lithium, Magnesium, Molybdenum, Selenium, Zinc

Potentially Toxic Elements: Aluminum, Antimony, Arsenic, Barium, Cadmium, Cobalt, Lead, Mercury, Silver, Strontium, Titanium

Element	Result	Units	Reference Range	Percentile Rank by Quintile				
				20	40	60	80	100
<b>Nutrient Elements</b>								
Calcium	5.16	mg/dL	4.00-6.32	50%				
Chromium	2 B	µg/L	1-6	10%				
Copper	103	µg/dL	65-116	81%				
Lithium	5	µg/L	< 10	74%				
Magnesium	3.54	mg/dL	3.14-4.71	20%				
Molybdenum	1.2	µg/L	<0.5-1.7	79%				
Selenium	180	µg/L	108-495	26%				
Zinc	392	µg/dL	465-823	1%				
<b>Potentially Toxic Elements</b>								
Aluminum	6 B	µg/L	<21	23%				
Antimony	5.8	µg/L	< 7.4	65%				
Arsenic	1.5 B	µg/L	< 5.1	45%				
Barium	1.8 B	µg/L	< 4.1	62%				
Cadmium	0.6 B	µg/L	< 1.4	56%				
Cobalt	<0.5	µg/L	< 0.5	N/A				
Lead	2.14	µg/dL	< 2.31	86%				
Mercury	3.4	µg/L	< 5.8	48%				
Silver	<0.5	µg/L	< 0.8	N/A				
Strontium	27	µg/L	< 43	55%				
Titanium	10	µg/L	< 16	58%				

**BMP Example) Nutrient Elements:** Patient tests with relatively low levels of chromium, magnesium, selenium and zinc, possibly warranting practitioner consult, *but also* has imbalance of copper to zinc that may be corrected with zinc supplementation.

**Potentially Toxic Elements:** Patient tests with high lead level and relatively high levels of antimony, arsenic and cadmium; the toxic effect of these metals is greatly amplified in the presence of high copper and low zinc. This may warrant further investigation/detox regimen.

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