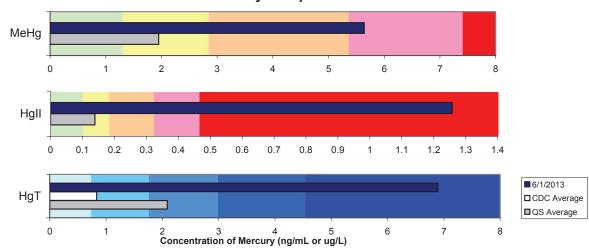




Blood Mercury Comparison



	Sample Patient Results (ng/mL)			Reference Ranges						
				QS n=1011; CDC n=1928		Percentile				
	6/1/2013	NA	% Change	Source	Range	Average	50th	75th	90th	95th
Methylmercury— MeHg	5.64	NA	<u>NA</u>	QS	<0.003 to 23.3	1.95	1.2	2.9	5.4	7.4
Inorganic Mercury— Hg ^{II}	1.26	NA	<u>NA</u>	QS	<0.007 to 1.75	0.139	0.10	0.19	0.32	0.46
Sum— HgT	6.90	NA	<u>NA</u>	CDC	0.038 to 9.96	0.833	0.7	1.7	3	4.6

Blood Reference Values: Quicksilver Scientific (QS) Data represents 1011 males and females that have utilized our testing. CDC data represents 1928 females, ages 16 to 49. QS blood Hg concentrations are higher that CDC because QS analyzes blood a population that already suspects mercury toxicity.

Data and Analysis Information: Mercury speciation was performed at Quicksilver Scientific, and all values are in concentrations of ng Hg per mL of blood

Urine Results Hair Results Indication of Kidney Mercury Excretion Ability Indication of Mercury Excretion Ability 2000 Urine HgII (ng/mL) B В Hair HgT (ng/g) 1500 1000 500 0.85 1.25 0.05 5 $\mathbf{\overset{2}{Blood}\;\overset{3}{MeHg}\;(ng/mL)}^{4}$ Blood HgII (ng/mL) Legend A) Average Excretion: Mercury output is average or above average when at a ratio of at least 375:1 HgT in hair to MeHg in John Doe blood and 6.9:1 HgT in urine to HgII in blood. Urine Results (ng/mL) Hair (ng/g) B) Below Average Excretion: Mercury output is below average when the tissue Hg comparisons are below ratios mentioned %Change 6/1/2013 6/1/2013 NA above (red area) NA Methylmercury— MeHg 0.011 NA NA NA Inorganic Mercury— Hg11 1.09 NA NA NA Sum- HgT 1.10 NA 1300