



PATIENT: Number 908  
 SEX: Female  
 AGE: 68

### Toxic & Essential Elements; Hair

TOXIC METALS			
	RESULT µg/g	REFERENCE INTERVAL	PERCENTILE 68 <sup>th</sup> 95 <sup>th</sup>
Aluminum (Al)	0.8	< 7.0	
Antimony (Sb)	0.019	< 0.050	
Arsenic (As)	< 0.01	< 0.060	
Barium (Ba)	13	< 2.0	
Beryllium (Be)	< 0.01	< 0.020	
Bismuth (Bi)	0.004	< 2.0	
Cadmium (Cd)	0.014	< 0.050	
Lead (Pb)	0.34	< 0.60	
Mercury (Hg)	0.13	< 0.80	
Platinum (Pt)	< 0.003	< 0.005	
Thallium (Tl)	< 0.001	< 0.002	
Thorium (Th)	< 0.001	< 0.002	
Uranium (U)	0.12	< 0.060	
Nickel (Ni)	0.39	< 0.30	
Silver (Ag)	0.18	< 0.15	
Tin (Sn)	4.9	< 0.30	
Titanium (Ti)	0.44	< 0.70	
Total Toxic Representation			

ESSENTIAL AND OTHER ELEMENTS					
	RESULT µg/g	REFERENCE INTERVAL	PERCENTILE		
			2.5 <sup>th</sup>	16 <sup>th</sup>	50 <sup>th</sup> 84 <sup>th</sup> 97.5 <sup>th</sup>
Calcium (Ca)	6120	300- 1200			
Magnesium (Mg)	610	35- 120			
Sodium (Na)	110	20- 250			
Potassium (K)	38	8- 75			
Copper (Cu)	28	11- 37			
Zinc (Zn)	160	140- 220			
Manganese (Mn)	0.26	0.08- 0.60			
Chromium (Cr)	0.36	0.40- 0.65			
Vanadium (V)	0.022	0.018- 0.065			
Molybdenum (Mo)	0.021	0.020- 0.050			
Boron (B)	0.76	0.25- 1.5			
Iodine (I)	0.37	0.25- 1.8			
Lithium (Li)	0.013	0.007- 0.020			
Phosphorus (P)	278	150- 220			
Selenium (Se)	0.38	0.55- 1.1			
Strontium (Sr)	54	0.50- 7.6			
Sulfur (S)	47000	44000- 50000			
Cobalt (Co)	0.057	0.005- 0.040			
Iron (Fe)	15	7.0- 16			
Germanium (Ge)	0.034	0.030- 0.040			
Rubidium (Rb)	0.048	0.007- 0.096			
Zirconium (Zr)	0.019	0.020- 0.42			

SPECIMEN DATA		RATIOS	
<b>COMMENTS:</b>		<b>ELEMENTS</b>	<b>RATIOS</b>
Date Collected: 01/14/2014	Sample Size: 0.203 g	Ca/Mg	10
Date Received: 01/18/2014	Sample Type: Head	Ca/P	22
Date Completed: 01/22/2014	Hair Color: Brown	Na/K	2.89
Methodology: ICP/MS	Treatment: Dye	Zn/Cu	5.71
	Shampoo: Natures Gate	Zn/Cd	> 999
		<b>RANGE</b>	
			4- 30
			1- 12
			0.5- 10
			4- 20
			> 800

## **Health history for hair test 908**

### **1.What are your current symptoms and health history?**

Poor mood and energy, aches and pains

### **2.Dental history (Wisdom teeth removed and when? Any other extractions. First root canal placed? Braces? First amalgam etc...)**

No root canals, about 8 low-copper, very old amalgams, 1 gold crown

### **3.What dental work do you currently have in place? What part of the dental clean-up have you completed?**

Nothing in a very long time. May get amalgams replaced with safer alternative, using IAOMT dentist.

### **4.What dentistry did your mother have at any time before or during pregnancy? Unknown**

### **5.What vaccinations have you had and when (including flu and especially travel shots)? None since childhood**

### **6.Supplements and medications (including dosages) taken at time of hair test, or for the 3-6 months before the sample was taken?**

herbal supplements for mood, occasional vitamin and mineral supplements, daily calcium and magnesium supplement, greens

### **7.What is your age, height and weight? 68, 5'6" 180lbs**

### **8.Other information you feel may be relevant?**

### **9.What is your location – city & country (so that we can learn where certain toxins are more prevalent). California, USA**