



PATIENT: Hair Test 568
 SEX: Male
 AGE: 34

Toxic & Essential Elements; Hair

TOXIC METALS			
	RESULT µg/g	REFERENCE INTERVAL	PERCENTILE 68 th 95 th
Aluminum (Al)	4.7	< 7.0	
Antimony (Sb)	0.065	< 0.066	
Arsenic (As)	0.048	< 0.080	
Barium (Ba)	0.73	< 1.0	
Beryllium (Be)	< 0.01	< 0.020	
Bismuth (Bi)	0.020	< 2.0	
Cadmium (Cd)	0.088	< 0.065	
Lead (Pb)	1.5	< 0.80	
Mercury (Hg)	1.2	< 0.80	
Platinum (Pt)	< 0.003	< 0.005	
Thallium (Tl)	< 0.001	< 0.002	
Thorium (Th)	< 0.001	< 0.002	
Uranium (U)	0.014	< 0.060	
Nickel (Ni)	0.21	< 0.20	
Silver (Ag)	0.06	< 0.08	
Tin (Sn)	0.35	< 0.30	
Titanium (Ti)	0.45	< 0.60	
Total Toxic Representation			

ESSENTIAL AND OTHER ELEMENTS					
	RESULT µg/g	REFERENCE INTERVAL	PERCENTILE 2.5 th 16 th 50 th 84 th 97.5 th		
Calcium (Ca)	579	200- 750			
Magnesium (Mg)	100	25- 75			
Sodium (Na)	44	20- 180			
Potassium (K)	33	9- 80			
Copper (Cu)	25	11- 30			
Zinc (Zn)	250	130- 200			
Manganese (Mn)	0.37	0.08- 0.50			
Chromium (Cr)	0.55	0.40- 0.70			
Vanadium (V)	0.052	0.018- 0.065			
Molybdenum (Mo)	0.050	0.025- 0.060			
Boron (B)	0.51	0.40- 3.0			
Iodine (I)	0.35	0.25- 1.8			
Lithium (Li)	0.009	0.007- 0.020			
Phosphorus (P)	181	150- 220			
Selenium (Se)	1.1	0.70- 1.2			
Strontium (Sr)	2.7	0.30- 3.5			
Sulfur (S)	51000	44000- 50000			
Cobalt (Co)	0.007	0.004- 0.020			
Iron (Fe)	11	7.0- 16			
Germanium (Ge)	0.030	0.030- 0.040			
Rubidium (Rb)	0.038	0.011- 0.12			
Zirconium (Zr)	0.89	0.020- 0.44			

SPECIMEN DATA		RATIOS	
COMMENTS:		ELEMENTS	RATIOS
Date Collected: 12/19/2011		Ca/Mg	5.79
Date Received: 12/22/2011		Ca/P	3.2
Date Completed: 12/23/2011		Na/K	1.33
Methodology: ICP/MS		Zn/Cu	10
Sample Size: 0.202 g	Sample Type: Head	Zn/Cd	> 999
Hair Color: Brown	Treatment:		
Shampoo: Dr Bronners			
		RANGE	
		4- 30	
		0.8- 8	
		0.5- 10	
		4- 20	
		> 800	

Health history for hair test 568

1) What are your current symptoms and health history?

Lethargy, brain fog, vision problems, irritability, kidney impairment, joint pain/arthritis knees and ankles, Abdomen pain. Diagnosed with mixed bipolar disorder 1 1/2 years ago.

2) Dental history (wisdom teeth removed? First root canal placed? Braces? First amalgam etc...)

First amalgam at 16 years old. Wisdom teeth removed at 18 years old. No root canals.

3) What dental work do you currently have in place? What part of the dental cleanup have you completed?

Two small amalgams still in my mouth, scheduled to be safely removed in two weeks. 1 amalgam removed safely, and replaced with composite 3 months ago. 1 removed unsafely 8 months ago, replaced with composite.

4) What dentistry did your mother have at any time before or during pregnancy?

Mother had approximately 7 amalgams while pregnant with me.

5) What vaccinations have you had and when (including flu and especially travel shots)?

I had all the vaccinations that were regularly given to children in the United States during the late 70's early 80's. No flu shots or travel shots. 2 Tetanus vaccinations in the past 15 years.

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

Have tried various supplements and vitamins over the past year. These include ALA, most amino acids, A, B complex, C, E, D, Selenium, Fish oil, Zinc, Chromium, L-Dopa, Valerian root, Ginseng, Ginkgo, DHEA, Chlorella, Manganese, Soy Lecithin, St. Johns Wort, SAM-E, Probiotic. Maybe a few others that I forgot about. I was desperate and tried everything.

I currently take vitamin A-10,000 IU, vitamin B complex-3 times a day, vitamin C-6 grams/day, vitamin E-800 IU, Selenium 300 mcg, DHEA 100mg, Fish oil 8 grams, CO Q10 200mg, Zinc 60mg, SAM-E 200mg, Probiotic, Licorice root.

7) Other information you feel may be relevant?

I am an artist who used cadmium, titanium, and lead paint for the past 10 years. I get sick when I consume gluten, alcohol, sugar.

8) What is your location - city & country (so that we can learn where certain toxins are more prevalent).

I have lived in Brooklyn, NY for the last 5 years. Lived 5 years in Philadelphia, PA. Lived 25 years in Columbus, Ohio.