



PATIENT: Number 525
 SEX: Male
 AGE: 39

Toxic & Essential Elements; Hair

TOXIC METALS			
	RESULT µg/g	REFERENCE INTERVAL	PERCENTILE 68 th 95 th
Aluminum (Al)	5.9	< 7.0	
Antimony (Sb)	0.077	< 0.066	
Arsenic (As)	0.12	< 0.080	
Barium (Ba)	0.08	< 1.0	
Beryllium (Be)	< 0.01	< 0.020	
Bismuth (Bi)	0.28	< 2.0	
Cadmium (Cd)	< 0.009	< 0.065	
Lead (Pb)	0.06	< 0.80	
Mercury (Hg)	0.22	< 0.80	
Platinum (Pt)	< 0.003	< 0.005	
Thallium (Tl)	< 0.001	< 0.002	
Thorium (Th)	< 0.001	< 0.002	
Uranium (U)	0.033	< 0.060	
Nickel (Ni)	0.05	< 0.20	
Silver (Ag)	0.06	< 0.08	
Tin (Sn)	0.04	< 0.30	
Titanium (Ti)	0.37	< 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)	123	200- 750			
Magnesium (Mg)	16	25- 75			
Sodium (Na)	15	20- 180			
Potassium (K)	3	9- 80			
Copper (Cu)	19	11- 30			
Zinc (Zn)	190	130- 200			
Manganese (Mn)	0.11	0.08- 0.50			
Chromium (Cr)	0.46	0.40- 0.70			
Vanadium (V)	0.061	0.018- 0.065			
Molybdenum (Mo)	0.026	0.025- 0.060			
Boron (B)	2.4	0.40- 3.0			
Iodine (I)	0.50	0.25- 1.8			
Lithium (Li)	< 0.004	0.007- 0.020			
Phosphorus (P)	185	150- 220			
Selenium (Se)	0.93	0.70- 1.2			
Strontium (Sr)	0.32	0.30- 3.5			
Sulfur (S)	46400	44000- 50000			
Cobalt (Co)	0.004	0.004- 0.020			
Iron (Fe)	5.0	7.0- 16			
Germanium (Ge)	0.021	0.030- 0.040			
Rubidium (Rb)	0.006	0.011- 0.12			
Zirconium (Zr)	1.2	0.020- 0.44			

SPECIMEN DATA		RATIOS		
COMMENTS:		ELEMENTS	RATIOS	RANGE
Date Collected: 8/29/2011	Sample Size: 0.197 g	Ca/Mg	7.69	4- 30
Date Received: 9/1/2011	Sample Type: Head	Ca/P	0.665	0.8- 8
Date Completed: 9/6/2011	Hair Color: Blond	Na/K	5	0.5- 10
Methodology: ICP/MS	Treatment:	Zn/Cu	10	4- 20
	Shampoo: No More Tears	Zn/Cd	> 999	> 800

Health history for hair test 525

1. What are your current symptoms and health history? Fatigue, brain fog, attention deficit
2. Dental history (Wisdom teeth removed and when? Any other extractions. First root canal placed? Braces? First amalgam etc...) First amalgams implanted during mid-teens, only two or three small amalgams in total. Amalgams removed and replaced with composite in 2003 or 2004. 3 or 4 wisdom teeth removed in 2000.
3. What dental work do you currently have in place? What part of the dental clean-up have you completed? Two or three small composite fillings in place. No amalgam is present as far as I know.
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)? Standard polio and MMR at ten-year intervals; recent flu shot
6. Supplements and medications (including dosages) taken at time of hair test, or for the 3-6 months before the sample was taken? Fish oil (3g per day), transdermal pregnenolone 100-200mg/day, testosterone 40mg/day
7. What is your age, height and weight? 39, 5'10", 195 lb.
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). New York City, New York