



PATIENT: Number 574
 SEX: Male
 AGE: 26

Toxic & Essential Elements; Hair

TOXIC METALS			
	RESULT µg/g	REFERENCE INTERVAL	PERCENTILE 68 th 95 th
Aluminum (Al)	2.5	< 7.0	
Antimony (Sb)	0.019	< 0.066	
Arsenic (As)	0.12	< 0.080	
Barium (Ba)	0.12	< 1.0	
Beryllium (Be)	< 0.01	< 0.020	
Bismuth (Bi)	0.053	< 2.0	
Cadmium (Cd)	< 0.009	< 0.065	
Lead (Pb)	0.08	< 0.80	
Mercury (Hg)	0.55	< 0.80	
Platinum (Pt)	< 0.003	< 0.005	
Thallium (Tl)	< 0.001	< 0.002	
Thorium (Th)	< 0.001	< 0.002	
Uranium (U)	0.030	< 0.060	
Nickel (Ni)	0.03	< 0.20	
Silver (Ag)	0.06	< 0.08	
Tin (Sn)	0.10	< 0.30	
Titanium (Ti)	0.42	< 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)	540	200- 750			
Magnesium (Mg)	44	25- 75			
Sodium (Na)	74	20- 180			
Potassium (K)	80	9- 80			
Copper (Cu)	9.1	11- 30			
Zinc (Zn)	200	130- 200			
Manganese (Mn)	0.07	0.08- 0.50			
Chromium (Cr)	0.53	0.40- 0.70			
Vanadium (V)	0.068	0.018- 0.065			
Molybdenum (Mo)	0.041	0.025- 0.060			
Boron (B)	9.6	0.40- 3.0			
Iodine (I)	1.5	0.25- 1.8			
Lithium (Li)	0.021	0.007- 0.020			
Phosphorus (P)	231	150- 220			
Selenium (Se)	1.1	0.70- 1.2			
Strontium (Sr)	0.76	0.30- 3.5			
Sulfur (S)	50500	44000- 50000			
Cobalt (Co)	0.002	0.004- 0.020			
Iron (Fe)	7.2	7.0- 16			
Germanium (Ge)	0.031	0.030- 0.040			
Rubidium (Rb)	0.078	0.011- 0.12			
Zirconium (Zr)	0.39	0.020- 0.44			

SPECIMEN DATA		RATIOS		
COMMENTS:		ELEMENTS	RATIOS	RANGE
Date Collected: 12/2/2011	Sample Size: 0.197 g	Ca/Mg	12.3	4- 30
Date Received: 12/19/2011	Sample Type: Head	Ca/P	2.34	0.8- 8
Date Completed: 12/22/2011	Hair Color: Black	Na/K	0.925	0.5- 10
Methodology: ICP/MS	Treatment:	Zn/Cu	22	4- 20
	Shampoo:	Zn/Cd	> 999	> 800

Health history for hair test 574

1. What are your current symptoms and health history?
2. Dental history (Wisdom teeth removed and when? Any other extractions. First root canal placed? Braces? First amalgam etc...)
3. What dental work do you currently have in place? What part of the dental clean-up have you completed?
4. What dentistry did your mother have at any time before or during pregnancy?
5. What vaccinations have you had and when (including flu and especially travel shots)?
6. Supplements and medications (including dosages) taken at time of hair test, or for the 3-6 months before the sample was taken?
7. What is your age, height and weight?
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).

1. I was in great health until the passed 2 years, I became very weak, hands shaky, throat got puffy, blurred vision. I then removed my glued on metal retainer, I had on the lower back of my bottom teeth. I had the retainer on since I was 14 & I am now 26. My throat went down, shaky hands went away, blurred vision went away, right after I removed it, but I still feel very weak and no energy to do anything. Worst of all I cant stand for long periods. I believe my adrenal glands are over worked as well. I also feel bad around any chemicals. The heat also makes me feel worse and very sensitive to any medications.

2. Had braces, took off when I was 14 & added a glued on metal retainer afterward. Took off a year ago. 26 years old now. Nothing in mouth now. No cavities ever or anything else.

3. Removed plaque a year ago from where the metal retainer was behind bottom teeth. Doctor said everything looked good on full teeth clean and xrays.

4. Not sure, but no braces. I never had problems til the passed 2 years.

5. Had them in 2005, not sure which exact ones. Had a shot in the butt when I thought I had a sore throat and amoxicillian, which made me worse off.

6. Been taking vitamin c with magnesium in it. Helps with the high blood pressure I had previous from not taking it. Also allows me to stand for longer periods.

7. 26 yrs. Old. Height 5'8, weight 180.

8. Cant skip meals or feel worse. No energy ever. Heat makes me feel worse. Eating certain things make me feel bad or taking any meds or supplements I feel fatigue.

9. El Paso, Texas, USA