



PATIENT: Number 695
 SEX: Male
 AGE: 36

Toxic & Essential Elements; Hair

TOXIC METALS			
	RESULT µg/g	REFERENCE INTERVAL	PERCENTILE 68 th 95 th
Aluminum (Al)	1.9	< 7.0	
Antimony (Sb)	0.47	< 0.066	
Arsenic (As)	0.090	< 0.080	
Barium (Ba)	0.37	< 1.0	
Beryllium (Be)	< 0.01	< 0.020	
Bismuth (Bi)	0.025	< 2.0	
Cadmium (Cd)	0.11	< 0.065	
Lead (Pb)	2.1	< 0.80	
Mercury (Hg)	0.24	< 0.80	
Platinum (Pt)	< 0.003	< 0.005	
Thallium (Tl)	0.001	< 0.002	
Thorium (Th)	< 0.001	< 0.002	
Uranium (U)	0.022	< 0.060	
Nickel (Ni)	0.23	< 0.20	
Silver (Ag)	0.04	< 0.08	
Tin (Sn)	0.14	< 0.30	
Titanium (Ti)	0.63	< 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)	460	200- 750					
Magnesium (Mg)	41	25- 75					
Sodium (Na)	200	20- 180					
Potassium (K)	150	9- 80					
Copper (Cu)	13	11- 30					
Zinc (Zn)	170	130- 200					
Manganese (Mn)	0.23	0.08- 0.50					
Chromium (Cr)	0.49	0.40- 0.70					
Vanadium (V)	0.039	0.018- 0.065					
Molybdenum (Mo)	0.047	0.025- 0.060					
Boron (B)	5.6	0.40- 3.0					
Iodine (I)	0.38	0.25- 1.8					
Lithium (Li)	0.004	0.007- 0.020					
Phosphorus (P)	158	150- 220					
Selenium (Se)	0.95	0.70- 1.2					
Strontium (Sr)	0.50	0.30- 3.5					
Sulfur (S)	50500	44000- 50000					
Cobalt (Co)	0.007	0.004- 0.020					
Iron (Fe)	8.6	7.0- 16					
Germanium (Ge)	0.034	0.030- 0.040					
Rubidium (Rb)	0.18	0.011- 0.12					
Zirconium (Zr)	0.085	0.020- 0.44					

SPECIMEN DATA		RATIOS		
COMMENTS:		ELEMENTS	RATIOS	RANGE
Date Collected: 11/17/2012	Sample Size: 0.197 g	Ca/Mg	11.2	4- 30
Date Received: 11/30/2012	Sample Type: Head	Ca/P	2.91	0.8- 8
Date Completed: 12/05/2012	Hair Color: Brown	Na/K	1.33	0.5- 10
Methodology: ICP/MS	Treatment:	Zn/Cu	13.1	4- 20
	Shampoo: Dr Bronners	Zn/Cd	> 999	> 800

Health history for hair test 695

What are your current symptoms and health history?

Fatigue, dark circles under eyes; previous smoker for 10+years
Currently on a parasite cleanse. The die-off seems to exacerbate skin irritation around hairline
SAD diet, although just started weight training program and eating more protein

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

2 previous implants

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

1 titanium implant

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

Unsure but might have had some fillings

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

All standard, army shots, recent tetnus shot 2010

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

None.

7. What is your age, height and weight?

36years old; 5' 6", 160lbs

8. Other information you feel may be relevant?

Current employment law enforcement (which may account for the high antimony?)

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

Kettle Falls, WA, USA