



PATIENT: Number 776
 SEX: Female
 AGE: 38

Toxic & Essential Elements; Hair

TOXIC METALS			
	RESULT µg/g	REFERENCE INTERVAL	PERCENTILE 68 th 95 th
Aluminum (Al)	2.5	< 7.0	
Antimony (Sb)	< 0.01	< 0.050	
Arsenic (As)	0.027	< 0.060	
Barium (Ba)	1.5	< 2.0	
Beryllium (Be)	< 0.01	< 0.020	
Bismuth (Bi)	0.012	< 2.0	
Cadmium (Cd)	< 0.009	< 0.050	
Lead (Pb)	0.19	< 0.60	
Mercury (Hg)	2.2	< 0.80	
Platinum (Pt)	< 0.003	< 0.005	
Thallium (Tl)	< 0.001	< 0.002	
Thorium (Th)	< 0.001	< 0.002	
Uranium (U)	0.16	< 0.060	
Nickel (Ni)	0.11	< 0.30	
Silver (Ag)	0.02	< 0.15	
Tin (Sn)	0.03	< 0.30	
Titanium (Ti)	0.29	< 0.70	
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)	915	300- 1200			
Magnesium (Mg)	110	35- 120			
Sodium (Na)	31	20- 250			
Potassium (K)	3	8- 75			
Copper (Cu)	20	11- 37			
Zinc (Zn)	260	140- 220			
Manganese (Mn)	0.10	0.08- 0.60			
Chromium (Cr)	0.36	0.40- 0.65			
Vanadium (V)	0.065	0.018- 0.065			
Molybdenum (Mo)	0.041	0.020- 0.050			
Boron (B)	0.73	0.25- 1.5			
Iodine (I)	0.76	0.25- 1.8			
Lithium (Li)	0.016	0.007- 0.020			
Phosphorus (P)	175	150- 220			
Selenium (Se)	0.80	0.55- 1.1			
Strontium (Sr)	6.8	0.50- 7.6			
Sulfur (S)	50400	44000- 50000			
Cobalt (Co)	0.006	0.005- 0.040			
Iron (Fe)	8.9	7.0- 16			
Germanium (Ge)	0.033	0.030- 0.040			
Rubidium (Rb)	0.004	0.007- 0.096			
Zirconium (Zr)	0.026	0.020- 0.42			

SPECIMEN DATA		RATIOS		
COMMENTS:		ELEMENTS	RATIOS	RANGE
Date Collected: 04/15/2013	Sample Size: 0.196 g	Ca/Mg	8.32	4- 30
Date Received: 04/18/2013	Sample Type: Head	Ca/P	5.23	1- 12
Date Completed: 04/25/2013	Hair Color: BLond	Na/K	10.3	0.5- 10
Methodology: ICP/MS	Treatment:	Zn/Cu	13	4- 20
	Shampoo: Nexxus	Zn/Cd	> 999	> 800

Health history for hair test 776

1. What are your current symptoms and health history? Hashimoto's thyroiditis (autoimmune)
2. Dental history (Wisdom teeth removed and when? Any other extractions. First root canal placed? Braces? First amalgam etc...)Wisdom teeth were removed 5 years ago, three root canals, first amalgam at 5 years old, two amalgams (made a dentist appointment for removal)
3. What dental work do you currently have in place? What part of the dental clean-up have you completed? up to date clean-up
4. What dentistry did your mother have at any time before or during pregnancy? five amalgams
5. What vaccinations have you had and when (including flu and especially travel shots)? all required childhood vaccinations plus boosters ten years ago
6. Supplements and medications (including dosages) taken at time of hair test, or for the 3-6 months before the sample was taken? I'm seeing an alternative medicine doctor to keep my autoimmunity under control. So I'm taking a lot of supplements. Unfortunately, has been taking APEX Glutathione Recycler with ALA without knowing what I was doing!!! My doctor prescribes it to all his patients...scary!
7. What is your age, height and weight? 38 years old, 5'3, 115lbs
8. What is your location – city & country (so that we can learn where certain toxins are more prevalent). We recently moved back to the US after working 5 years in China