



PATIENT: Number 530
 SEX: Female
 AGE: 43

Toxic & Essential Elements; Hair

TOXIC METALS					
		RESULT µg/g	REFERENCE INTERVAL	PERCENTILE	
				68 th	95 th
Aluminum (Al)		3.6	< 12		
Antimony (Sb)		0.016	< 0.060		
Arsenic (As)		0.060	< 0.090		
Barium (Ba)		1.3	< 2.0		
Beryllium (Be)		0.010	< 0.020		
Bismuth (Bi)		1.0	< 2.0		
Cadmium (Cd)		< 0.009	< 0.050		
Lead (Pb)		0.24	< 1.0		
Mercury (Hg)		0.30	< 0.80		
Platinum (Pt)		< 0.003	< 0.005		
Thallium (Tl)		< 0.001	< 0.002		
Thorium (Th)		< 0.001	< 0.002		
Uranium (U)		0.007	< 0.060		
Nickel (Ni)		0.58	< 0.40		
Silver (Ag)		0.05	< 0.10		
Tin (Sn)		0.07	< 0.30		
Titanium (Ti)		0.33	< 1.3		
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)		344	475- 1500					
Magnesium (Mg)		45	45- 180					
Sodium (Na)		61	80- 450					
Potassium (K)		24	28- 160					
Copper (Cu)		49	11- 30					
Zinc (Zn)		170	130- 200					
Manganese (Mn)		0.14	0.15- 0.65					
Chromium (Cr)		0.37	0.40- 0.65					
Vanadium (V)		0.022	0.018- 0.065					
Molybdenum (Mo)		0.13	0.040- 0.10					
Boron (B)		0.50	0.40- 4.0					
Iodine (I)		3.8	0.25- 1.8					
Lithium (Li)		0.014	0.008- 0.030					
Phosphorus (P)		205	250- 500					
Selenium (Se)		0.97	0.80- 1.3					
Strontium (Sr)		2.3	1.0- 8.0					
Sulfur (S)		40900	42000- 48000					
Cobalt (Co)		0.006	0.006- 0.035					
Iron (Fe)		4.1	7.0- 16					
Germanium (Ge)		0.036	0.030- 0.040					
Rubidium (Rb)		0.065	0.030- 0.25					
Zirconium (Zr)		0.44	0.040- 1.0					

SPECIMEN DATA		RATIOS		
COMMENTS:		ELEMENTS	RATIOS	RANGE
Date Collected: 9/28/2011	Sample Size: 0.205 g	Ca/Mg	7.64	4- 30
Date Received: 10/3/2011	Sample Type: Pubic	Ca/P	1.68	1- 12
Date Completed: 10/5/2011	Hair Color: Brown	Na/K	2.54	0.5- 10
Methodology: ICP/MS	Treatment:	Zn/Cu	3.47	4- 20
	Shampoo: Suave	Zn/Cd	> 999	> 800

Health history for hair test 530

1. Current symptoms - food sensitivities, candida/yeast/fungus issues: ie. rash, hair loss, constipation, some anxiety. All these symptoms are much less than a year ago. Health history - chronic infections (urinary/respiratory/skin). Vaccines, 2 years of allergy shots, 11 amalgams for decades (removed with rubber dam), 23 years of birth control pills, ungodly amount of antibiotics.
2. Wisdom teeth still intact, no root canals, 2 years of braces.
3. Currently have 11 composite fillings and 1 crown done by a biological dentist with "biocompatible" materials (no amalgam).
4. Mom had a few amalgams when born.
5. Have had a few flu shots, antibiotic shots, overseas travel vaccines.
6. Supplements: 1000mg calcium, 700 mg magnesium, 2500 mg Vit D, 1000mg Vit C, 4mg biotin, B complex, himalaya liver support, 12.5 mg iodine, 5 brazil nuts (selenium)
7. These test results are strange - will detail in email to group.
8. 8. Living in East Texas, USA.