



PATIENT: Number 661
 SEX: Female
 AGE: 23

Toxic & Essential Elements; Hair

TOXIC METALS				
		RESULT µg/g	REFERENCE INTERVAL	PERCENTILE 68 th 95 th
Aluminum (Al)		0.6	< 7.0	
Antimony (Sb)		< 0.01	< 0.050	
Arsenic (As)		0.047	< 0.060	
Barium (Ba)		0.29	< 2.0	
Beryllium (Be)		< 0.01	< 0.020	
Bismuth (Bi)		0.002	< 2.0	
Cadmium (Cd)		< 0.009	< 0.050	
Lead (Pb)		0.13	< 0.60	
Mercury (Hg)		0.31	< 0.80	
Platinum (Pt)		< 0.003	< 0.005	
Thallium (Tl)		0.001	< 0.002	
Thorium (Th)		< 0.001	< 0.002	
Uranium (U)		0.006	< 0.060	
Nickel (Ni)		0.21	< 0.30	
Silver (Ag)		0.01	< 0.15	
Tin (Sn)		< 0.02	< 0.30	
Titanium (Ti)		0.36	< 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)		1200	300- 1200		
Magnesium (Mg)		56	35- 120		
Sodium (Na)		36	20- 250		
Potassium (K)		13	8- 75		
Copper (Cu)		40	11- 37		
Zinc (Zn)		230	140- 220		
Manganese (Mn)		0.07	0.08- 0.60		
Chromium (Cr)		0.40	0.40- 0.65		
Vanadium (V)		0.019	0.018- 0.065		
Molybdenum (Mo)		0.030	0.020- 0.050		
Boron (B)		0.48	0.25- 1.5		
Iodine (I)		0.17	0.25- 1.8		
Lithium (Li)		0.006	0.007- 0.020		
Phosphorus (P)		253	150- 220		
Selenium (Se)		1.3	0.55- 1.1		
Strontium (Sr)		2.4	0.50- 7.6		
Sulfur (S)		47900	44000- 50000		
Cobalt (Co)		0.006	0.005- 0.040		
Iron (Fe)		7.9	7.0- 16		
Germanium (Ge)		0.029	0.030- 0.040		
Rubidium (Rb)		0.012	0.007- 0.096		
Zirconium (Zr)		0.007	0.020- 0.42		

SPECIMEN DATA		RATIOS	
COMMENTS:		ELEMENTS	RATIOS
Date Collected: 7/30/2012		Ca/Mg	21.4
Date Received: 8/3/2012		Ca/P	4.74
Date Completed: 8/4/2012		Na/K	2.77
Methodology: ICP/MS		Zn/Cu	5.75
Sample Size: 0.196 g	Sample Type: Head	Zn/Cd	> 999
Hair Color: Brown	Treatment:		
Shampoo: HS			
		RANGE	
			4- 30
			1- 12
			0.5- 10
			4- 20
			> 800

Health history for hair test 661

What are your current symptoms and health history?

health deteriorated drastically in 2000 after a meningitis vaccine. I became bed bound during 2001 after repeated infections and antibiotics, my hair changed texture and fell out, I developed daily migraines, cold feet and hands, hot and inflamed skin, unremitting fatigue as well as digestive symptoms/burning/hypoglycemia. I was jaundiced a lot of the time. These days things are still pretty much the same, but I have also developed heart palpitations (sometimes 110bpm) and waking suddenly in the middle of the night/problems sleeping well, (adrenals?) as well as edema (right leg bigger than left!)

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

I had about approx 5 amalgams as a child (ages 7-11) which fell out as I lost my baby teeth. No teeth removed/canal. Had braces aged 16 - 17.

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

3 tiny amalgams removed in September 2010, currently have temporary chalk fillings in place.

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

Mother had 10 or so amalgams before/during pregnancy

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

full baby/child vaccines. Meningitic C (2000) Polio/tetanus/BCG/hep A/B (2005) Hep B booster (2007)

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

supps taken 2 months before test for approximately 1 month - B6 150mg, herbal adrenal support with licorice, B5, Ashwaghandha, B2 (high dose drops), Zinc 90mg, selenium 300mg, Metabolics nutri phase 1+2 multi mineral (includes copper 4mg), Magnesium 500 - 600mg per day.

What is your age, height and weight?

24, 5ft 4, 110 - 120 lbs

Other information you feel may be relevant?

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

UK, London Suburbs
