



HAIR TEST: 1166
 SEX: Female
 AGE: 32

Toxic & Essential Elements; Hair

TOXIC METALS			
	RESULT µg/g	REFERENCE INTERVAL	PERCENTILE 68 th 95 th
Aluminum (Al)	1.6	< 7.0	
Antimony (Sb)	< 0.01	< 0.050	
Arsenic (As)	0.026	< 0.060	
Barium (Ba)	2.2	< 2.0	
Beryllium (Be)	< 0.01	< 0.020	
Bismuth (Bi)	0.17	< 2.0	
Cadmium (Cd)	< 0.009	< 0.050	
Lead (Pb)	0.24	< 0.60	
Mercury (Hg)	2.6	< 0.80	
Platinum (Pt)	0.003	< 0.005	
Thallium (Tl)	< 0.001	< 0.002	
Thorium (Th)	< 0.001	< 0.002	
Uranium (U)	0.42	< 0.060	
Nickel (Ni)	0.12	< 0.30	
Silver (Ag)	0.60	< 0.15	
Tin (Sn)	0.03	< 0.30	
Titanium (Ti)	0.48	< 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)	1030	300- 1200			
Magnesium (Mg)	70	35- 120			
Sodium (Na)	6	20- 250			
Potassium (K)	3	8- 75			
Copper (Cu)	380	11- 37			
Zinc (Zn)	200	140- 220			
Manganese (Mn)	0.13	0.08- 0.60			
Chromium (Cr)	0.30	0.40- 0.65			
Vanadium (V)	0.018	0.018- 0.065			
Molybdenum (Mo)	0.028	0.020- 0.050			
Boron (B)	< 0.07	0.25- 1.5			
Iodine (I)	0.48	0.25- 1.8			
Lithium (Li)	0.006	0.007- 0.020			
Phosphorus (P)	145	150- 220			
Selenium (Se)	0.66	0.55- 1.1			
Strontium (Sr)	4.4	0.50- 7.6			
Sulfur (S)	44700	44000- 50000			
Cobalt (Co)	0.016	0.005- 0.040			
Iron (Fe)	8.1	7.0- 16			
Germanium (Ge)	0.034	0.030- 0.040			
Rubidium (Rb)	< 0.003	0.007- 0.096			
Zirconium (Zr)	0.082	0.020- 0.42			

SPECIMEN DATA		RATIOS	
COMMENTS:		ELEMENTS	RATIOS
Date Collected: 01/19/2006	Sample Size: 0.201 g	Ca/Mg	14.7
Date Received: 01/23/2016	Sample Type: Head	Ca/P	7.1
Date Completed: 01/28/2016	Hair Color:	Na/K	2
Methodology: ICP/MS	Treatment:	Zn/Cu	0.526
	Shampoo: Full Density	Zn/Cd	> 999
		RANGE	
			4- 30
			1- 12
			0.5- 10
			4- 20
			> 800

Health history for hair test 1166

1. What are your current symptoms and health history?

Main symptoms are extreme fatigue, brain fog, reduced strength and stamina, muscles very tight/locked down and pinching nerves. No other health problems to date

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

Top wisdom teeth removed about 5 years ago. Bottoms still there. No cavities, fillings, root canals, etc. Braces for 2-3 years during middle school

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

No dental work in place. Regular cleanings done once a year

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

No dental work done for her through this point in her life.

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

I haven't had the flu vaccine for quite a few years now. Last vaccination was probably 6+ years ago - I think a Mumps or MMR booster.

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

Doxy 200mg 2x day

Clindamycin 300 MG 2x day

Malarone 250-100 MG 2x day (8 days of every 2 weeks)

Coartem 4 tablets 2x day (4 days of every 2 weeks)

Tinidazol 500 MG 2x day (2 days of every 2 weeks)

Microbinate 2 caps 2x day (oregano extract, monolaurin, olive leaf, allicin, turmeric extract)

Physica lymph 3 chronic 1 full dropper 1x day

Alpha lipoic acid 300mg 2x day

Vitality pearls 3 caps 2x day (Chinese herbs)

Prescrip-assist probiotic 620 MG 1x day

Vitamin B 12 2500 MG 1x day

Vitamin D 5000 iu 1x day

Methylfolate 5 MG 1x day

Vitamin C 500 MG 1x day

Junel 1.5/30 birth control

Veramyst nose spray - 2 sprays per nostril 1x day

7. What is your age, height and weight?

Age - 32, height - 5'4", weight - 150lbs

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).

Raleigh, NC