



HAIR TEST: 1181
SEX: Male
AGE: 44

Toxic & Essential Elements; Hair

TOXIC METALS			
	RESULT µg/g	REFERENCE INTERVAL	PERCENTILE 68 th 95 th
Aluminum (Al)	3.4	< 7.0	
Antimony (Sb)	< 0.01	< 0.066	
Arsenic (As)	0.015	< 0.080	
Barium (Ba)	0.80	< 1.0	
Beryllium (Be)	< 0.01	< 0.020	
Bismuth (Bi)	< 0.002	< 2.0	
Cadmium (Cd)	< 0.009	< 0.065	
Lead (Pb)	0.06	< 0.80	
Mercury (Hg)	0.10	< 0.80	
Platinum (Pt)	< 0.003	< 0.005	
Thallium (Tl)	< 0.001	< 0.002	
Thorium (Th)	< 0.001	< 0.002	
Uranium (U)	0.005	< 0.060	
Nickel (Ni)	0.22	< 0.20	
Silver (Ag)	0.02	< 0.08	
Tin (Sn)	0.07	< 0.30	
Titanium (Ti)	0.30	< 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)	400	200- 750			
Magnesium (Mg)	110	25- 75			
Sodium (Na)	13	20- 180			
Potassium (K)	10	9- 80			
Copper (Cu)	28	11- 30			
Zinc (Zn)	260	130- 200			
Manganese (Mn)	0.40	0.08- 0.50			
Chromium (Cr)	0.41	0.40- 0.70			
Vanadium (V)	0.020	0.018- 0.065			
Molybdenum (Mo)	0.029	0.025- 0.060			
Boron (B)	0.28	0.40- 3.0			
Iodine (I)	0.33	0.25- 1.8			
Lithium (Li)	< 0.004	0.007- 0.020			
Phosphorus (P)	151	150- 220			
Selenium (Se)	0.64	0.70- 1.2			
Strontium (Sr)	1.2	0.30- 3.5			
Sulfur (S)	48000	44000- 50000			
Cobalt (Co)	0.014	0.004- 0.020			
Iron (Fe)	8.9	7.0- 16			
Germanium (Ge)	0.032	0.030- 0.040			
Rubidium (Rb)	0.012	0.011- 0.12			
Zirconium (Zr)	0.18	0.020- 0.44			

SPECIMEN DATA		RATIOS	
COMMENTS:		ELEMENTS	RATIOS
Date Collected: 03/20/2016		Ca/Mg	3.64
Date Received: 03/24/2016		Ca/P	2.65
Date Completed: 03/26/2016		Na/K	1.3
Methodology: ICP/MS		Zn/Cu	9.29
Sample Size: 0.203 g	Sample Type: Head	Zn/Cd	> 999
Hair Color: Brown	Treatment:		
Shampoo: Redken			
		RANGE	
		4- 30	
		0.8- 8	
		0.5- 10	
		4- 20	
		> 800	

Health history for hair test 1181

1. What are your current symptoms and health history? Brain fog, burning pains in head, hip pain, visual disturbances, fatigue
2. Dental history (Wisdom teeth removed and when? Any other extractions. First root canal placed? Braces? First amalgam etc...) Wisdom teeth removed around the age of 16 around the year 1993. No other extractions. Braces from about 89-91. No fillings.
3. What dental work do you currently have in place? What part of the dental clean-up have you completed? No current work. No clean-up.
4. What dentistry did your mother have at any time before or during pregnancy? Fillings beginning in the 1950's, wisdom teeth removed.
5. What vaccinations have you had and when (including flu and especially travel shots)? All the normal recommended vaccinations, including the flu shot in most years. I can piece together more specific, with time, if helpful.
6. Supplements and medications (including dosages) taken at time of hair test, or for the 3-6 months before the sample was taken?

At time of hair test:

Pulsed Antibiotics- MWF for two weeks then off a week:

Omnicef 1,200mg a day

Septra DS 800- (360?mg a day)

Mepron 3,000mg a day

Artemisin 2,000mg a day

And on Thursday and Friday of the second week in the three week cycle:

Flagyl 1,000mg a day

Neurontin 1,200mg

Lamictil 75mg

Manganese 10mg/ day

Burbur 10 drops

Curcumin 500mg

Fish Oil 2,000mg

Magnesium Malate 1,250mg

Methyl B-12 5mg

L-Methylfolate 5mg

NattoZyme (Nattokinase NSK-SD) 100mg

Pinella 10 drops

assorted probiotics

Saccharomyces Boulardii

multivitamin

Within the time of 3 to 6 months before the hair sample,

had 4 weeks of Doxycyclene

2 weeks of Rocephin

Minocycline 200mg (as part of an earlier pulsed course of antibiotics)

7. What is your age, height and weight? 38, 5'11", 200lbs.

8. Other information you feel may be relevant? Diagnosed with Lyme Disease in September, 2015

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