



SEX: Female
AGE: 32

Toxic & Essential Elements; Hair

TOXIC METALS			
	RESULT µg/g	REFERENCE INTERVAL	PERCENTILE 68 th 95 th
Aluminum (Al)	8.4	< 7.0	
Antimony (Sb)	0.012	< 0.050	
Arsenic (As)	0.024	< 0.060	
Barium (Ba)	0.40	< 2.0	
Beryllium (Be)	< 0.01	< 0.020	
Bismuth (Bi)	0.054	< 2.0	
Cadmium (Cd)	< 0.009	< 0.050	
Lead (Pb)	0.26	< 0.60	
Mercury (Hg)	0.24	< 0.80	
Platinum (Pt)	< 0.003	< 0.005	
Thallium (Tl)	< 0.001	< 0.002	
Thorium (Th)	0.001	< 0.002	
Uranium (U)	0.010	< 0.060	
Nickel (Ni)	0.05	< 0.30	
Silver (Ag)	0.05	< 0.15	
Tin (Sn)	0.06	< 0.30	
Titanium (Ti)	2.2	< 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)	392	300- 1200			
Magnesium (Mg)	21	35- 120			
Sodium (Na)	56	20- 250			
Potassium (K)	13	8- 75			
Copper (Cu)	22	11- 37			
Zinc (Zn)	170	140- 220			
Manganese (Mn)	0.15	0.08- 0.60			
Chromium (Cr)	0.32	0.40- 0.65			
Vanadium (V)	0.023	0.018- 0.065			
Molybdenum (Mo)	0.034	0.020- 0.050			
Boron (B)	0.28	0.25- 1.5			
Iodine (I)	0.28	0.25- 1.8			
Lithium (Li)	0.006	0.007- 0.020			
Phosphorus (P)	189	150- 220			
Selenium (Se)	0.77	0.55- 1.1			
Strontium (Sr)	0.78	0.50- 7.6			
Sulfur (S)	48900	44000- 50000			
Cobalt (Co)	0.004	0.005- 0.040			
Iron (Fe)	9.2	7.0- 16			
Germanium (Ge)	0.030	0.030- 0.040			
Rubidium (Rb)	0.010	0.007- 0.096			
Zirconium (Zr)	0.96	0.020- 0.42			

SPECIMEN DATA		RATIOS	
COMMENTS:		ELEMENTS	RATIOS
Date Collected: 05/13/2014		Ca/Mg	18.7
Date Received: 05/19/2014		Ca/P	2.07
Date Completed: 05/22/2014		Na/K	4.31
Methodology: ICP/MS		Zn/Cu	7.73
Sample Size: 0.196 g	Sample Type: Head	Zn/Cd	> 999
Hair Color: Black	Treatment:		
Shampoo: Tea Tree			
		RANGE	
		4- 30	
		1- 12	
		0.5- 10	
		4- 20	
		> 800	

Health history for hair test 963

What are your current symptoms and health history?

My symptoms have mainly been neurological. Nerve pain, dizziness, blurred vision, eye floaters, numbness, tingling... I also experience rashes, itchiness and other skin issues. The symptoms began gradually a few years ago and have recently become severe. I have seen 3 neurologists and had MRIs of my brain and cervical spine, both of which returned normal. I have no diagnosis because my test results are normal.

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

I had some wisdom teeth removed in my late teens, I don't remember the exact dates. Almost 2 months ago I had my only root canal extracted. About 2 weeks ago I had my only two mercury fillings removed. This week I will be removing a composite filling that previously had mercury, just to ensure all the mercury was removed. My first amalgams were done as a child. As a child I was very healthy. All my health issues began when one of my amalgam fillings leaked and I had it replaced with composite by a non-biological dentist without protection. That was the same year I also had the root canal done.

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

See answer above.

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

My mom likely had mercury fillings when she was pregnant with me, as she currently has a mouthful of amalgams.

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

I had all the vaccinations given to a baby back in 1981. I also had the 3 Hep B shots in gradeschool. I've had a couple flu vaccines over 5 years ago as well as a Hep A shot.

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

At the time of hair test I was taking vitamin D, C, E, K2, B3 and B2. I have now added magnesium and will be adding chromium. I tried taking zinc (50 mg) but had a huge flare up of my symptoms so I stopped.

7. What is your age, height and weight?

I am 32 years old, 5'5 inches tall and weigh 130 lbs.

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

I live in Vancouver, BC. Canada.