

HAIR ELEMENTS



PATIENT: Number 499
SEX: Male
AGE: 23
LOCATION: St-Pascal, Quebec, Canada

POTENTIALLY TOXIC ELEMENTS				
TOXIC ELEMENTS	RESULT $\mu\text{g/g}$	REFERENCE RANGE	PERCENTILE	
			68 th	95 th
Aluminum	0.5	< 7.0		
Antimony	< 0.01	< 0.066		
Arsenic	0.083	< 0.080		
Barium	0.30	< 1.0		
Beryllium	< 0.01	< 0.020		
Bismuth	0.062	< 2.0		
Cadmium	0.017	< 0.065		
Lead	0.08	< 0.80		
Mercury	0.09	< 0.80		
Platinum	< 0.003	< 0.005		
Thallium	< 0.001	< 0.002		
Thorium	< 0.001	< 0.002		
Uranium	0.004	< 0.060		
Nickel	0.08	< 0.20		
Silver	0.19	< 0.08		
Tin	0.03	< 0.30		
Titanium	0.24	< 0.60		
Total Toxic Representation				

ESSENTIAL AND OTHER ELEMENTS							
ELEMENTS	RESULT $\mu\text{g/g}$	REFERENCE RANGE	PERCENTILE				
			2.5 th	16 th	50 th	84 th	97.5 th
Calcium	301	200- 750					
Magnesium	37	25- 75					
Sodium	15	20- 180					
Potassium	< 3	9- 80					
Copper	17	11- 30					
Zinc	200	130- 200					
Manganese	0.05	0.08- 0.50					
Chromium	0.49	0.40- 0.70					
Vanadium	0.019	0.018- 0.065					
Molybdenum	0.019	0.025- 0.060					
Boron	0.57	0.40- 3.0					
Iodine	1.6	0.25- 1.8					
Lithium	< 0.004	0.007- 0.020					
Phosphorus	156	150- 220					
Selenium	0.63	0.70- 1.2					
Strontium	0.61	0.30- 3.5					
Sulfur	43300	44000- 50000					
Cobalt	0.014	0.004- 0.020					
Iron	3.8	7.0- 16					
Germanium	0.024	0.030- 0.040					
Rubidium	0.004	0.011- 0.12					
Zirconium	0.013	0.020- 0.44					

SPECIMEN DATA				RATIOS		
COMMENTS:				ELEMENTS	RATIOS	EXPECTED RANGE
Date Collected: 5/4/2011	Sample Size: 0.195 g			Ca/Mg	8.14	4- 30
Date Received: 5/9/2011	Sample Type: Head			Ca/P	1.93	0.8- 8
Date Completed: 5/11/2011	Hair Color: Blond			Na/K	5	0.5- 10
Client Reference:	Treatment:			Zn/Cu	11.8	4- 20
Methodology: ICP-MS	Shampoo: Bar Soap			Zn/Cd	> 999	> 800
				V010.08		

Health history for hair test 499

1. What are your current symptoms and health history?

chronic fatigue, hypoglycemia (have to wake up in the middle of the night to eat), irritability, impatience, brain fog, GI imbalance (IBS etc)

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

had 8 amalgams from ~6years old to 21 when i go them removed, mother had many as well.

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

have nothing except white composites

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

about 10 big amalgams since before pregnancy

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

no travel shots, no flu shots, basic kid shots i did have... id guess 6-7 of them

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

lots of zinc PEPZINC for my ulcers, glandulars (pancreas adrenal thyroid)

7. What is your age, height and weight?

i am 23, 5'9, 120lbs

8. Other information you feel may be relevant?

Chelated with DMSA from july 2010 to december 2010, then i am on ALA since may2011 (had to stop chelation due to GI way too out of balance, now its fine though.)

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

St-Pascal, quebec, Canada (in the country side - i doubt much toxins are here, however i was in montreal and Florida for a while where there was many cars everywhere)