

HAIR ELEMENTS



PATIENT: Number 471
SEX: Male
AGE: 31
LOCATION: Toronto, Canada

POTENTIALLY TOXIC ELEMENTS

TOXIC ELEMENTS	RESULT $\mu\text{g/g}$	REFERENCE RANGE	PERCENTILE	
			68 th	95 th
Aluminum	2.2	< 7.0		
Antimony	0.024	< 0.066		
Arsenic	0.068	< 0.080		
Barium	0.17	< 1.0		
Beryllium	< 0.01	< 0.020		
Bismuth	0.045	< 2.0		
Cadmium	0.012	< 0.065		
Lead	0.18	< 0.80		
Mercury	0.30	< 0.80		
Platinum	< 0.003	< 0.005		
Thallium	< 0.001	< 0.002		
Thorium	< 0.001	< 0.002		
Uranium	0.035	< 0.060		
Nickel	0.13	< 0.20		
Silver	0.01	< 0.08		
Tin	0.03	< 0.30		
Titanium	0.66	< 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	525	200- 750					
Magnesium	52	25- 75					
Sodium	39	20- 180					
Potassium	10	9- 80					
Copper	28	11- 30					
Zinc	300	130- 200					
Manganese	0.07	0.08- 0.50					
Chromium	0.41	0.40- 0.70					
Vanadium	0.042	0.018- 0.065					
Molybdenum	0.030	0.025- 0.060					
Boron	1.2	0.40- 3.0					
Iodine	3.5	0.25- 1.8					
Lithium	0.005	0.007- 0.020					
Phosphorus	233	150- 220					
Selenium	1.0	0.70- 1.2					
Strontium	0.83	0.30- 3.5					
Sulfur	50900	44000- 50000					
Cobalt	0.026	0.004- 0.020					
Iron	12	7.0- 16					
Germanium	0.032	0.030- 0.040					
Rubidium	0.012	0.011- 0.12					
Zirconium	0.37	0.020- 0.44					

SPECIMEN DATA

COMMENTS:
 Date Collected: 4/11/2011 Sample Size: 0.197 g
 Date Received: 4/15/2011 Sample Type: Head
 Date Completed: 4/18/2011 Hair Color:
 Client Reference: Treatment:
 Methodology: ICP-MS Shampoo: Head Shoulders

RATIOS

ELEMENTS	RATIOS	EXPECTED RANGE
Ca/Mg	10.1	4- 30
Ca/P	2.25	0.8- 8
Na/K	3.9	0.5- 10
Zn/Cu	10.7	4- 20
Zn/Cd	> 999	> 800

Health history for hair test 471

1) What are your current symptoms and health history?

>>Was fairly healthy until almost exactly 3 years ago when I had my 1st panic attack and physiology seemed to change.

>>Current symptoms are chronic fatigue, lightheadedness, feeling off balance constantly, dizziness, but not room spinning out of control dizziness. Anxiety, depression and cognitive issues, such as short-term memory problems.

2) Dental history (wisdom teeth removed? First root canal placed? Braces? First amalgam etc...)

>>Both bottom wisdom teeth removed. Have had 5 root canals, one of which is no longer in my mouth. 3 are the result of getting teeth chipped playing hockey. 2 now have amalgam and metal free ceramic crowns over them. I had 11 amalgam surfaces in my mouth. Not sure when the 1st one was placed, but it was at a young age. Maybe 8 or 9? I had them all replaced with biocompatible materials by a holistic dentist who followed the IAOMT protocol; done in 4 quadrants over a period of 10 weeks. My last amalgam was removed March 29, 2011.

3) What dental work do you currently have in place? What part of the dental cleanup have you completed?

>>I had all of my 11 amalgam fillings replaced with biocompatible materials by a holistic dentist who followed the IAOMT protocol; done in 4 quadrants over a period of 10 weeks. My last amalgam was removed March 29, 2011.

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

>>Not 100% sure, but she has many amalgam fillings herself. Not sure of the number, but I believe most of them were in place when she was pregnant with me.

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

>>Vaccinations; pretty much what everyone in Canada is vaccinated for. Not sure exactly. Can't find my records, but I haven't received a shot in some time. Got a flu shot about 5-6 years ago and was vaccinated for both Hepatitis A and B I believe when in high school like 15 years ago.

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

>>About 1 month before the hair test and during amalgam removal I was taking Vitamin C (3000 mg per day), Vitamin B 100 complex (broken up and taken 4 times a day), Zinc 100 mg a day, Centrum Forte Multivitamin, Vitamin E (1200 ui/day), Magnesium (1500 mg/day), Omega 3 capsules twice daily, Milk Thistle (4 times daily). Oh, also Ciprallex 10mg and Clonazepam 1.5 mg/per day due to Anxiety and Depression

7) Other information you feel may be relevant?

>>Not sure.

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

>>Toronto, Ontario, Canada