

HAIR ELEMENTS



PATIENT: Number 186
SEX: Female
AGE: 35
LOCATION: Lake City, Florida & Belgrade, Serbia

POTENTIALLY TOXIC ELEMENTS

TOXIC ELEMENTS	RESULT $\mu\text{g/g}$	REFERENCE RANGE	PERCENTILE	
			68 th	95 th
Aluminum	7.9	< 7.0		
Antimony	0.038	< 0.050		
Arsenic	0.064	< 0.060		
Beryllium	< 0.01	< 0.020		
Bismuth	0.037	< 2.0		
Cadmium	0.014	< 0.10		
Lead	0.22	< 1.0		
Mercury	0.20	< 1.1		
Platinum	< 0.003	< 0.005		
Thallium	0.001	< 0.010		
Thorium	< 0.001	< 0.005		
Uranium	0.052	< 0.060		
Nickel	0.38	< 0.40		
Silver	0.05	< 0.15		
Tin	0.04	< 0.30		
Titanium	0.41	< 1.0		
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	679	300- 1200					
Magnesium	53	35- 120					
Sodium	22	12- 90					
Potassium	12	8- 38					
Copper	13	12- 35					
Zinc	240	140- 220					
Manganese	0.18	0.15- 0.65					
Chromium	0.32	0.20- 0.40					
Vanadium	0.030	0.018- 0.065					
Molybdenum	0.023	0.028- 0.056					
Boron	0.61	0.30- 2.0					
Iodine	0.16	0.25- 1.3					
Lithium	0.007	0.007- 0.023					
Phosphorus	169	160- 250					
Selenium	0.75	0.95- 1.7					
Strontium	1.9	0.50- 7.6					
Sulfur	48700	44500- 52000					
Barium	0.65	0.26- 3.0					
Cobalt	0.29	0.013- 0.050					
Iron	7.0	5.4- 14					
Germanium	0.028	0.045- 0.065					
Rubidium	0.013	0.007- 0.096					
Zirconium	0.10	0.020- 0.42					

SPECIMEN DATA

COMMENTS:
 Date Collected: 6/22/2008 Sample Size: 0.2 g
 Date Received: 6/26/2008 Sample Type: Head
 Date Completed: 6/28/2008 Hair Color: Brown
 Treatment:
 Methodology: ICP-MS Shampoo: Jj

RATIOS

ELEMENTS	RATIOS	EXPECTED RANGE
Ca/Mg	12.8	4- 30
Ca/P	4.02	1- 12
Na/K	1.83	0.5- 10
Zn/Cu	18.5	4- 20
Zn/Cd	> 999	> 800

V06.99

1) What are your current symptoms and health history?

My health is actually pretty good—mainly tiredness, anger management, dry skin and hair, thin nails with lots of white marks/streaks on them, gluten sensitivity. My mother has serious metal problems (mercury, copper, lead especially), which is why I got the hair test.

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

First amalgam at 12, braces from 13 -16, Wisdom teeth extracted at 18; five teeth total with amalgams. No removal so far at time of hair test

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

Five teeth; seven amalgams total.

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

Plenty of amalgam

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

Full vaccination as a child, flu shots in 2000 and 2001, travel shots in 2001 (to India)

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

No supplements taken except probiotics--stopped breastfeeding three months before test done (had been either pregnant or breastfeeding for the previous five years)

7) Other information you feel may be relevant?

No

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

Lake City, Florida and Belgrade, Serbia