

HAIR ELEMENTS



PATIENT: Number 268
SEX: Female
AGE: 56
LOCATION: Princeton, NJ, USA

POTENTIALLY TOXIC ELEMENTS

TOXIC ELEMENTS	RESULT $\mu\text{g/g}$	REFERENCE RANGE	PERCENTILE	
			68 th	95 th
Aluminum	4.8	< 7.0		
Antimony	0.016	< 0.050		
Arsenic	0.012	< 0.060		
Barium	7.5	< 2.0		
Beryllium	< 0.01	< 0.020		
Bismuth	0.088	< 2.0		
Cadmium	0.012	< 0.050		
Lead	0.14	< 0.60		
Mercury	1.1	< 0.80		
Platinum	< 0.003	< 0.005		
Thallium	< 0.001	< 0.002		
Thorium	< 0.001	< 0.002		
Uranium	0.038	< 0.060		
Nickel	0.16	< 0.30		
Silver	0.12	< 0.15		
Tin	0.09	< 0.30		
Titanium	0.53	< 0.70		
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	1980	300- 1200					
Magnesium	250	35- 120					
Sodium	59	20- 250					
Potassium	5	8- 75					
Copper	50	11- 37					
Zinc	210	140- 220					
Manganese	0.34	0.08- 0.60					
Chromium	0.30	0.40- 0.65					
Vanadium	0.012	0.018- 0.065					
Molybdenum	0.033	0.020- 0.050					
Boron	0.30	0.25- 1.5					
Iodine	0.32	0.25- 1.8					
Lithium	0.008	0.007- 0.020					
Phosphorus	183	150- 220					
Selenium	1.6	0.55- 1.1					
Strontium	8.9	0.50- 7.6					
Sulfur	43900	44000- 50000					
Cobalt	0.014	0.005- 0.040					
Iron	8.8	7.0- 16					
Germanium	0.032	0.030- 0.040					
Rubidium	0.009	0.007- 0.096					
Zirconium	0.12	0.020- 0.42					

SPECIMEN DATA

COMMENTS:

Date Collected: 3/4/2009 Sample Size: 0.203 g
 Date Received: 3/9/2009 Sample Type: Head
 Date Completed: 3/11/2009 Hair Color: Brown
 Client Reference: Treatment: Bleach
 Methodology: ICP-MS Shampoo: Usana

V010.08

RATIOS

ELEMENTS	RATIOS	EXPECTED RANGE
Ca/Mg	7.92	4- 30
Ca/P	10.8	1- 12
Na/K	11.8	0.5- 10
Zn/Cu	4.2	4- 20
Zn/Cd	> 999	> 800

Health history for hair test 268

1) What are your current symptoms and health history?

Symptoms started after the extraction of two molars (bottom left) in May 2006; symptoms were digestive problems, panic attacks, fatigue, inability to "function", total brain fog, parasites and candida, weight loss; these symptoms are now under control after a year of supplements and strict protocol to get rid of candida. Thyroid and hormones are also under control. Recent symptoms are peripheral neuropathy, tendinitis, poor vision, heart murmur and the feeling of breathing ammonia.

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

Long history of dental problems.

Wore braces at age 10 for a year; history of amalgam fillings - work done in France in the seventies; lots of root canals and four dental implants. Wisdom teeth were removed in the 80s.

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

Appointment with dentist who will confirm there is no mercury left in my mouth; however there are tattoo marks on my gums (bottom left were the two teeth were extracted in May 2006); I now have two implants at this location. Most of my teeth have root canals.

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

Information not available. Mother did have fillings .

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

Vaccinations mandatory for infants and school-age kids. TB.

No flu or travel shots.

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

- Armour thyroid 60 mg - lowered to 30 mg Two months ago
 - HRT bio identical hormones
 - folic acid 800 mcg - lowered to 400 mcg two months ago (blood test showed improvement)
 - selenio- methionine 200 mcg - stopped two months ago after blood test showed high levels of selenium
 - mercury detox (vitamin E, selenium magnesium, amino acids NAC 400mg plus others such as L-methionine, L)isoleucine, L-leucine...) stopped a month ago.
 - TravaCor neurotransmitter support: taurine, 5 HTTP, Bs, selenium....
 - 5 HTTP 1000 mg
 - AdreCor adrenal and neurotransmitter support: amino select 14, 400 mg (L-methionine, L-histidine, L-acetylthrosine, green tea, rhodiola rosea)
 - Probiotics
 - antifungal every other day to prevent candida relapse SFP 22
- Floratratin immunoglobulins and prebiotic factors 200 mg: iodine, sodium, lactoferrin, immunoglobulins.....

7) What is your age, height and weight?

Age 56, 5'6", 120 pounds.

8) Other information you feel may be relevant?

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

Live in Princeton, NJ, on a property that used to be farmland and next to fields that are treated with fertilizers and herbicides.

Grew up in France, in a rural area.