

HAIR ELEMENTS



PATIENT: Number 412
SEX: Female
AGE: 54
LOCATION: Nottingham, Pa ,USA

POTENTIALLY TOXIC ELEMENTS

TOXIC ELEMENTS	RESULT µg/g	REFERENCE RANGE	PERCENTILE	
			68 th	95 th
Aluminum	7.1	< 7.0		
Antimony	0.014	< 0.050		
Arsenic	0.034	< 0.060		
Barium	0.67	< 2.0		
Beryllium	< 0.01	< 0.020		
Bismuth	0.67	< 2.0		
Cadmium	0.025	< 0.050		
Lead	0.14	< 0.60		
Mercury	0.49	< 0.80		
Platinum	< 0.003	< 0.005		
Thallium	< 0.001	< 0.002		
Thorium	< 0.001	< 0.002		
Uranium	0.003	< 0.060		
Nickel	0.92	< 0.30		
Silver	0.65	< 0.15		
Tin	0.29	< 0.30		
Titanium	0.64	< 0.70		
Total Toxic Representation				

ESSENTIAL AND OTHER ELEMENTS

ELEMENTS	RESULT µg/g	REFERENCE RANGE	PERCENTILE				
			2.5 th	16 th	50 th	84 th	97.5 th
Calcium	669	300- 1200					
Magnesium	79	35- 120					
Sodium	77	20- 250					
Potassium	11	8- 75					
Copper	15	11- 37					
Zinc	160	140- 220					
Manganese	0.25	0.08- 0.60					
Chromium	0.34	0.40- 0.65					
Vanadium	0.014	0.018- 0.065					
Molybdenum	0.028	0.020- 0.050					
Boron	0.54	0.25- 1.5					
Iodine	68	0.25- 1.8					
Lithium	0.006	0.007- 0.020					
Phosphorus	194	150- 220					
Selenium	0.80	0.55- 1.1					
Strontium	2.0	0.50- 7.6					
Sulfur	51500	44000- 50000					
Cobalt	0.009	0.005- 0.040					
Iron	14	7.0- 16					
Germanium	0.032	0.030- 0.040					
Rubidium	0.010	0.007- 0.096					
Zirconium	0.17	0.020- 0.42					

SPECIMEN DATA

COMMENTS:

Date Collected: 8/30/2010
Date Received: 9/7/2010
Date Completed: 9/9/2010
Client Reference: 1241487
Methodology: ICP-MS

Sample Size: 0.204 g
Sample Type: Head
Hair Color: Blond
Treatment: Bleach
Shampoo: Burts Bees

V010.08

RATIOS

ELEMENTS	RATIOS	EXPECTED RANGE
Ca/Mg	8.47	4- 30
Ca/P	3.45	1- 12
Na/K	7	0.5- 10
Zn/Cu	10.7	4- 20
Zn/Cd	> 999	> 800

Health history for hair test 412

1) What are your current symptoms and health history?

My current symptoms are fatigue, cognitive issues, sleep apnea, irritability, environmental allergies, food allergies, low motivation, blood sugar issues, muscle weakness, low tolerance for stress, saliva test for adrenals showing high cortisol at night and overall low DHEA, antibodies for lyme, CMV, EBV, rocky mountain spotted fever virus, mycoplasma pneumoniae for the past 10 years. Was given DMPS challenge with mercury fillings intact-total of 15 teeth when symptoms first started. Had ovaries and tubes removed 7 mos ago due to ovarian cysts and endometriosis.

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

My wisdom teeth were removed when I was 19 yrs old. First root canal was placed in 1984, a second was done in 1990 and I had both teeth removed in 2002. No braces. Not sure when first amalgam was placed, but I had 15 teeth with mercury fillings replaced over the course of a year back in 2002.

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

One ceramic crown, one ceramic bridge, all mercury fillings replaced, but done shoddily. Grey stains remained in some of my teeth and the composite fillings have new decay in spots due to poor workmanship. Have had some of the composite fillings replaced. No chelation therapy ever done.

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

My mom cannot remember but her high school picture shows at least one tooth with a mercury filling in it. I was premature-weighed less than 5 lbs at birth and was in an incubator for the first month of life

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

I had flu shots for 10 years thinking they were safe and beneficial, lyme vaccine prior to fatigue starting, 3 rhogam shots due to having RH factor after the birth of my first child

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

I have been on a ton of supplements, cannot function without them. Armour thyroid 180 mg, hormone replacement therapy progesterone, estrogen and testosterone, cerefolin for high homocysteine, vit d 10,000, cats claw, natural calm magnesium 1 TB, valerian root 450 mg 3 caps, B6 100 mg 1 cap, melatonin 3 mg 1 cap, pyroluria supplements including biotin 10 mg, manganese 25 mg, zinc 50 mg, molybdenum 200 mcg, pregnenolone 50 mg, 7 keto 50 mg, caprylic acid 1200 mg, adrenal cortex 300 mg, vit c 4-5 grams, fermented cod liver oil, flax seed oil, vit b complex 100 mg all daily, iodine quarter-sized spot on wrist daily

7) Other information you feel may be relevant?

I believe both of my children are mercury toxic. I am now noticing my balance is getting worse and I am developing tremors in my hands. We purchased a new double wide trailer 15 years ago, had gas stove, gas hot water heater and gas house heater all on one floor and lots of pressed wood which off gassed formaldehyde plus wall to wall carpets and vinyl wall coverings which I think poisoned both me and my children and ex-husband.

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

I live in Nottingham, Pa which is approximately 50 miles away from West Chester, Pa and 5 miles from the Maryland/Pa border. We are approximately one hour away from both Philadelphia and Baltimore and have lots of farmlands around us. I also think we may have pesticide poisoning since our house was placed in a cornfield that had been farmed for approximately 15 years prior to us buying the lot.