

HAIR ELEMENTS



PATIENT: Number 502
SEX: Female
AGE: 53
LOCATION: Champaign, IL. USA

POTENTIALLY TOXIC ELEMENTS

TOXIC ELEMENTS	RESULT $\mu\text{g/g}$	REFERENCE RANGE	PERCENTILE	
			68 th	95 th
Aluminum	1.5	< 7.0		
Antimony	< 0.01	< 0.050		
Arsenic	0.062	< 0.060		
Barium	3.2	< 2.0		
Beryllium	< 0.01	< 0.020		
Bismuth	0.017	< 2.0		
Cadmium	0.018	< 0.050		
Lead	0.03	< 0.60		
Mercury	1.0	< 0.80		
Platinum	< 0.003	< 0.005		
Thallium	< 0.001	< 0.002		
Thorium	< 0.001	< 0.002		
Uranium	0.001	< 0.060		
Nickel	0.08	< 0.30		
Silver	0.01	< 0.15		
Tin	0.05	< 0.30		
Titanium	0.30	< 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	1110	300- 1200					
Magnesium	140	35- 120					
Sodium	43	20- 250					
Potassium	6	8- 75					
Copper	16	11- 37					
Zinc	210	140- 220					
Manganese	0.05	0.08- 0.60					
Chromium	0.35	0.40- 0.65					
Vanadium	0.028	0.018- 0.065					
Molybdenum	0.042	0.020- 0.050					
Boron	0.93	0.25- 1.5					
Iodine	0.20	0.25- 1.8					
Lithium	0.005	0.007- 0.020					
Phosphorus	153	150- 220					
Selenium	0.97	0.55- 1.1					
Strontium	4.9	0.50- 7.6					
Sulfur	51100	44000- 50000					
Cobalt	0.006	0.005- 0.040					
Iron	7.1	7.0- 16					
Germanium	0.030	0.030- 0.040					
Rubidium	0.006	0.007- 0.096					
Zirconium	0.053	0.020- 0.42					

SPECIMEN DATA

COMMENTS:
 Date Collected: 6/28/2011 Sample Size: 0.202 g
 Date Received: 7/5/2011 Sample Type: Head
 Date Completed: 7/6/2011 Hair Color: Brown
 Client Reference: 1283839 Treatment:
 Methodology: ICP-MS Shampoo: Natures Gate Herb

RATIOS

ELEMENTS	RATIOS	EXPECTED RANGE
Ca/Mg	7.93	4- 30
Ca/P	7.25	1- 12
Na/K	7.17	0.5- 10
Zn/Cu	13.1	4- 20
Zn/Cd	> 999	> 800

Health history for hair test 502

Current Symptoms:

Fatigue, Dizziness, Brain fog, Constipation, Diabetes Insipidus, Social Isolation, Neuropathy

Health History:

Was told by my mother that I had "crying spells" as a toddler. I would cry so hard, I would pass out. Seizures? Depression and constipation have been lifelong problems; suicidal thoughts at the age of eleven with another bout in my 30's and another deep depression in my late 40's. Suicidal throughout my 50's. The itchy eczema on my hands and feet began in elementary school and subsided sometime in my 20's. Neuropathy began in my 20's. Fatigue increased in my 30's, but intensified in my 40's. I've been intolerant to cold for the last few years. In May 2010, I was diagnosed with Adrenal Fatigue and multiple food allergies. I was happy to get the diagnosis, thinking I finally had the answer. But, my health continued to decline over the last year - having overwhelming fatigue, dizziness, brain fog with worsening digestion. Diabetes Insipidus began in March, 2011, after a medically prescribed cleanse.

Dental History:

I had my amalgams placed around 8 years of age - all molars and bicuspids. I had my first crown placed around eight years ago and had 3 crowns (with amalgam under each one and old amalgams ground out with no protection) placed in May 2010. I had a full dental revision done on May 17th, 2011 by a Huggins/IAOMT dentist. All amalgams and crowns were removed and replaced with bio-compatible material and cavitations were cleaned.

Mother's Dentistry:

My mother has a number of fillings in place at the time of my birth. She is in the final stages of Alzheimer's.

Vaccinations:

Following job protocol, I had the Hep B series around the age of 48. Sometime after that, I quit my job in a "not so calm" manner.

Supplements:

My supplement regimen at the time of hair test:

Vitamin C (buffered) – 2 grams 4/day

Vitamin D – 10,000 i.u.

Magnesium – 150 mg. 2/day

Vitamin E – 1000 i.u.

Adrenal Desiccated – 434 mg. 2/day

Ubiquinol – 100 mg.

Digestive Enzymes

Probiotic – 25 billions CFU's

Flax seed oil – 2 t/day

Coconut oil – 1 t/day

My supplements over the last 6 months; stopped taking in March:

Multigenics Multivitamin

Krebs chelate magnesium

Licorice Plus

5-HTP

NeuroScience Travacor – 3/day

NeuroScience Kavince – 2/day

NeuroScience Adreacor – 4/day

Metagenics Advaclear – 1/day

Relevant Information:

I was an Executive Assistant for a University Chemical Professor with offices being adjacent to labs, where Ph.D and M.S students ran experiments.

Age, Height and Weight

53 - 5'7" - 135 lbs.

Location:

Champaign, IL. USA