

HAIR ELEMENTS



PATIENT: Number 358

SEX: Female

AGE: 39

LOCATION: Frequent traveler, was San Francisco, USA

POTENTIALLY TOXIC ELEMENTS

TOXIC ELEMENTS	RESULT µg/g	REFERENCE RANGE	PERCENTILE	
			68 th	95 th
Aluminum	4.8	< 7.0		
Antimony	0.017	< 0.050		
Arsenic	0.026	< 0.060		
Barium	1.1	< 2.0		
Beryllium	< 0.01	< 0.020		
Bismuth	0.020	< 2.0		
Cadmium	0.020	< 0.050		
Lead	0.13	< 0.60		
Mercury	0.54	< 0.80		
Platinum	< 0.003	< 0.005		
Thallium	< 0.001	< 0.002		
Thorium	< 0.001	< 0.002		
Uranium	0.077	< 0.060		
Nickel	0.10	< 0.30		
Silver	0.03	< 0.15		
Tin	0.13	< 0.30		
Titanium	0.23	< 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	1350	300– 1200					
Magnesium	63	35– 120					
Sodium	27	20– 250					
Potassium	10	8– 75					
Copper	13	11– 37					
Zinc	160	140– 220					
Manganese	0.21	0.08– 0.60					
Chromium	0.31	0.40– 0.65					
Vanadium	0.033	0.018– 0.065					
Molybdenum	0.040	0.020– 0.050					
Boron	0.58	0.25– 1.5					
Iodine	0.71	0.25– 1.8					
Lithium	0.004	0.007– 0.020					
Phosphorus	147	150– 220					
Selenium	0.76	0.55– 1.1					
Strontium	6.2	0.50– 7.6					
Sulfur	44100	44000– 50000					
Cobalt	0.010	0.005– 0.040					
Iron	8.8	7.0– 16					
Germanium	0.028	0.030– 0.040					
Rubidium	0.016	0.007– 0.096					
Zirconium	0.29	0.020– 0.42					

SPECIMEN DATA

COMMENTS:

Date Collected: 4/7/2010
Date Received: 4/22/2010
Date Completed: 4/25/2010
Client Reference: 1228187
Methodology: ICP-MS

Sample Size: 0.198 g
Sample Type: Head
Hair Color: Brown
Treatment:
Shampoo: Vo5

V010.08

RATIOS

ELEMENTS	RATIOS	EXPECTED RANGE
Ca/Mg	21.4	4– 30
Ca/P	9.18	1– 12
Na/K	2.7	0.5– 10
Zn/Cu	12.3	4– 20
Zn/Cd	> 999	> 800

Health history for hair test 358

1. What are your current symptoms and health history?

I am almost normally functioning currently, except for when I eat out of my diet or don't take my digestive enzymes. I have lower energy than most but I am able to do what I need to do. Can exercise several times a week but afterward I am very tired and irritable and must rest for several hours or the rest of the day. Before I found out I was sensitive to salicylates and amines, I had all the symptoms below, chronically.

Symptoms come when I eat foods high in salicylates or amines. There are likely other foods I'm allergic to that I haven't figured out yet. These symptoms are: chronic fatigue, fog brain, insomnia, eczema, irritability, yeast, low libido, toenail fungus, constipation, poor memory, trouble standing for long periods, shyness, dry skin, TMJ, pale complexion, trouble feeling warm enough, sensitivity to smells, dark thoughts, migraines.

2. Dental history (Wisdom teeth removed and when? Any other extractions. First root canal placed? Braces? First amalgam etc...)

Wiseoms removed in my late teens or possibly early twenties. Only root canal placed in 1998. Braces in my late teens. Not sure about the rest.

3. What dental work do you currently have in place? What part of the dental clean-up have you completed?

Had seven amalgams a month ago, now possibly just one hiding under a crown. Scheduled to come out this week if necessary.

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

Don't know. She has had amalgams though.

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

No flu or travel shots, but yes on the basic vaccinations as a child.

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

Natural Calm Magnesium powder, about 250mg once daily. Also No-Fenol enzymes, 2 No Fenols three times a day, plus 1-2 TriEnza digestive enzymes per day. Bone broth daily.

7. What is your age, height and weight?

39 years old, 5 foot 4 inches, 115 pounds. Most of my weight is in my rear and legs, with a slim midsection and arms. I have never had problems with being overweight. I am hungry all the time and eat more than most men. I need more salt than others to satisfy my tastebuds. I have a high animal diet, since fruits and veggies must be minimized to avoid salicylates. Extra sensitive to garlic and onions and cruciferous veggies.

8. Other information you feel may be relevant?

I broke a mercury thermometer in my early twenties and didn't take care to clean up properly. Miscarried when I was 23. Got strange hives all over my back one summer, may have been right after the thermometer incident.

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

We travel now but I used to live near San Francisco, California.