

HAIR ELEMENTS



PATIENT: Number 251
SEX: Female
AGE: 45
LOCATION: Indianapolis, Indiana

POTENTIALLY TOXIC ELEMENTS

TOXIC ELEMENTS	RESULT µg/g	REFERENCE RANGE	PERCENTILE	
			68 th	95 th
Aluminum	1.2	< 7.0		
Antimony	0.033	< 0.050		
Arsenic	0.023	< 0.060		
Barium	1.3	< 2.0		
Beryllium	< 0.01	< 0.020		
Bismuth	2.0	< 2.0		
Cadmium	0.045	< 0.050		
Lead	0.34	< 0.60		
Mercury	0.57	< 0.80		
Platinum	< 0.003	< 0.005		
Thallium	< 0.001	< 0.002		
Thorium	< 0.001	< 0.002		
Uranium	0.031	< 0.060		
Nickel	0.08	< 0.30		
Silver	0.47	< 0.15		
Tin	0.31	< 0.30		
Titanium	0.79	< 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	643	300- 1200					
Magnesium	340	35- 120					
Sodium	520	20- 250					
Potassium	9	8- 75					
Copper	22	11- 37					
Zinc	190	140- 220					
Manganese	0.29	0.08- 0.60					
Chromium	0.43	0.40- 0.65					
Vanadium	0.027	0.018- 0.065					
Molybdenum	0.045	0.020- 0.050					
Boron	0.30	0.25- 1.5					
Iodine	0.23	0.25- 1.8					
Lithium	0.026	0.007- 0.020					
Phosphorus	166	150- 220					
Selenium	0.92	0.55- 1.1					
Strontium	1.7	0.50- 7.6					
Sulfur	44600	44000- 50000					
Cobalt	0.016	0.005- 0.040					
Iron	9.4	7.0- 16					
Germanium	0.028	0.030- 0.040					
Rubidium	0.007	0.007- 0.096					
Zirconium	0.20	0.020- 0.42					

SPECIMEN DATA

COMMENTS:

Date Collected: 1/28/2009
Date Received: 1/31/2009
Date Completed: 2/3/2009
Client Reference:
Methodology: ICP-MS

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

V010.08

RATIOS

ELEMENTS	RATIOS	EXPECTED RANGE
Ca/Mg	1.89	4- 30
Ca/P	3.87	1- 12
Na/K	57.8	0.5- 10
Zn/Cu	8.64	4- 20
Zn/Cd	> 999	> 800

Health history for hair test 251

1) What are your current symptoms and health history?

- My father was a body man and painted cars in the garage of our small house. Fumes were always present.
 - I have had problems with anxiety and fatigue my whole life. I began delving into my health in my twenties.
- Multiple miscarriages (5 of them) finally had one daughter who was premature. I have been diagnosed with PCOS even though I am only 115 at 5'4".
- I cannot tolerate any sugar or alcohol. This does not mean I don't eat some. I crave it but pay for it afterward.
- Exercise can make me feel great at first but then it exhausts me later and can last for days
- Since having my daughter ten years ago my health has gone down dramatically.
- I went to see an alternative doctor about 6 years ago and he had me on all types of supplements and also had me doing glutathione IVs (a couple a week for several months). Nothing he did seemed to help.
- I can no longer tolerate any medicine which needs the enzyme 2D6. I could tolerate them before but can't now.
- I have had a stage 1 Melanoma removed and I am susceptible to getting melanomas
- I had my gallbladder removed 5 years ago.
- In the past year I have been diagnosed with rheumatoid arthritis although my rheumatologist thinks my blood work is strange. The marker for RA in my blood is very high but I don't seem to exhibit the sign of a typical arthritic patient. Plus mine is very much based on exercise and food. If I have a soda or pop my joints will begin to swell and lock up within an two hours! Weird!
- I did have a lot of Amalgam in my teeth every since I was 9 but had them removed over 6 years ago. I didn't do it for health reasons. My dentist recommended it and so I had it done. I didn't know anything about mercury poisoning at the time.
- My blood pressure always runs around 90 some over 60 some.
- Always constipated unless I take a lot of magnesium.
- I have been taking Klonopin for my anxiety for the last 6 years. It is the only medicine that helps me which I can also tolerate.
- I mentioned this in a post but I should state it again. I had some tests done by GSDL several years ago and it stated I was high in candida. In need of folic acid, b12 and zinc. It also stated I was nitrogen insufficient and had impaired xenobiotic detoxication. Another stool test said I was very low in Chymotrypsin.
- A couple of years ago I used Dr. Shames to see if I had a thyroid problem. He thought I had a low thyroid and put me on something. (I can't remember what it was now) But it sent me thru the roof within a couple of days!!

I feel like I just sat and complained. I don't usually talk to anyone about this! I have to say I am a little disappointed that it doesn't look like I have mercury problems. I wanted to work with Andy. Do you think he can still help me since mercury is not my problem?

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

I still have my wisdom teeth. I did have a root canal about 4 years ago. I never had braces. My first amalgam was when I was 8 or 9 and had them until I was 40!

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

I no longer have any amalgam in my mouth. I cannot remember what he used to replace it. I didn't ask since I didn't know it was a problem.

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

She had a lot of work done and still has amalgam in her mouth.

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

I had all the typical shots as a child but I do not have flu shots since I have never felt my body was up to it!

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

I was taking Klonopin (.25 twice a day) and had been taking digestive enzymes and magnesium (about 800mg) for about a month and a half prior. I had my husband cut hair about an inch away from my head to compensate for the enzymes and magnesium. Prior to that I was only taking klonopin.

7) Other information you feel may be relevant?

I also have some other test results. I have been diagnosed with Rheumatoid arthritis and just recently my doctor did an endo panel. Here is what it said:

T4 SerPI QN	6.0dL	(5.0-12.0)
T Uptake SerPI QN	40	(32-48)
FTI	6.0	(5.9-13.1)
TSH 3rd Gen SerPI QN	1.273	(0.400 - 2.400)

I also had a ACTH Stimulation test done. Here are those results

Cortisol Baseline	9.5 dL
Cortisol 30 min.	22.5 dL
Cortisol 60 min.	27.4 dL

I have had other tests done that have shown I have Candida and hormone problems. But I thought this might help you get an idea.

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

Indianapolis, Indiana