

HAIR ELEMENTS



PATIENT: Hair Test 312
SEX: Female
AGE: 46
LOCATION: Denver, CO, USA

POTENTIALLY TOXIC ELEMENTS				
TOXIC ELEMENTS	RESULT $\mu\text{g/g}$	REFERENCE RANGE	PERCENTILE	
			68 th	95 th
Aluminum	2.7	< 7.0		
Antimony	0.036	< 0.050		
Arsenic	0.048	< 0.060		
Barium	0.38	< 2.0		
Beryllium	< 0.01	< 0.020		
Bismuth	0.022	< 2.0		
Cadmium	0.043	< 0.050		
Lead	0.22	< 0.60		
Mercury	1.2	< 0.80		
Platinum	< 0.003	< 0.005		
Thallium	0.002	< 0.002		
Thorium	0.001	< 0.002		
Uranium	0.007	< 0.060		
Nickel	0.09	< 0.30		
Silver	0.10	< 0.15		
Tin	0.06	< 0.30		
Titanium	0.45	< 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	418	300- 1200					
Magnesium	49	35- 120					
Sodium	46	20- 250					
Potassium	6	8- 75					
Copper	11	11- 37					
Zinc	220	140- 220					
Manganese	0.50	0.08- 0.60					
Chromium	0.28	0.40- 0.65					
Vanadium	0.022	0.018- 0.065					
Molybdenum	0.024	0.020- 0.050					
Boron	0.58	0.25- 1.5					
Iodine	1.6	0.25- 1.8					
Lithium	0.005	0.007- 0.020					
Phosphorus	197	150- 220					
Selenium	1.1	0.55- 1.1					
Strontium	0.72	0.50- 7.6					
Sulfur	51100	44000- 50000					
Cobalt	0.039	0.005- 0.040					
Iron	6.3	7.0- 16					
Germanium	0.033	0.030- 0.040					
Rubidium	0.009	0.007- 0.096					
Zirconium	0.15	0.020- 0.42					

SPECIMEN DATA			RATIOS		
COMMENTS:			ELEMENTS	RATIOS	EXPECTED RANGE
Date Collected:	Sample Size:	0.196 g	Ca/Mg	8.53	4- 30
Date Received: 9/1/2009	Sample Type:	Head	Ca/P	2.12	1- 12
Date Completed: 9/4/2009	Hair Color:		Na/K	7.67	0.5- 10
Client Reference:	Treatment:		Zn/Cu	20	4- 20
Methodology: ICP-MS	Shampoo:		Zn/Cd	> 999	> 800

V010.08

Health history for hair test 312

1) What are your current symptoms and health history?

Currently - Fatigue, low energy, mild depression, moderate insomnia, mild brain fog, irregular menstrual periods, look and feel "old" (I've aged terribly in the last 4-5 years), chronic candida overgrowth

I've been fighting candida off and on for getting close to 20 years. I went off the pill nearly 4 years ago, have not taken antibiotics since around that time, and have worked really hard to get my good bacteria levels up. They went from being the lowest my doc has ever seen to pretty good except for bifido in about 2 years time.

I also have leaky gut, which I tested for 3 years ago, and then again a little over a year ago. The second intestinal permeability test was worse than the first. A DNA-level CDSA at that time also showed gluten intolerance, so I have been on a gluten free diet off and on (I didn't notice much difference in how I felt after 4-5 months, so fell off the wagon earlier this year. I'm doing my best to commit to it again now).

2) Dental history

Wisdom teeth were all removed at age 17 by a dental surgeon (they had not come in)

My first and only root canal was done in 1997

I had braces from age 12 to 14

I can't provide the date of my first amalgam, but I know it was in childhood and I had many of them into adulthood

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

I had all of my remaining amalgams removed 3 years ago, but without any sort of protection (dentists in Australia are rather backward by and large, and I didn't know any better)

I have 3 crowns - two with metal interiors comprised as follows and one Cerec crown.

51.5% Gold

38.5% Palladium

8.5% Indium

1.5% Gallium

.1% Rughenium

My dentist insists that he would not have left any amalgam under the crowns, and that the specialist who did my root canal would not have used any to pack the roots, but I have not had them checked.

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

I believe my mother had only gold fillings, and she has a bridge, but I don't know what it is made from. I can ask her, but she may not know.

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

All the usual childhood stuff - measles, rubella, polio, small pox, etc. I have had flu shots annually for between 15-20 years. The one I had this year (April 09) did not have any mercury-based preservatives in it (I got the data sheet)

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

months before the sample was taken.

50mg zinc picolinate

200mg magnesium citrate

1 Deluxe Scavenger
1 PicMins most days
1g Tyrosine
1 Calcium

7) Other information you feel may be relevant?

I decided to go ahead and do my first DMSA round last weekend despite not having had my crowns checked or my hair test results. I did nearly a full round (started 7am on Friday, last dose at 3pm on Sunday) at 6.25mg dose. I had what I would describe as mild flu-like symptoms - fatigue, intermittent mild headache, mild achiness, and I felt cold more than usual, and somewhat chilled and feverish at times. These symptoms subsided quickly upon ending the round.

I can't say with confidence how I feel after the round, as I have been fighting a bad cold virus since Monday. When that clears up I'll be able to determine if I feel any worse for having chelated.

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

Melbourne, Australia since 9/2004
Denver, CO 1997-2004