

HAIR ELEMENTS



PATIENT: Number 392
SEX: Female
AGE: 14
LOCATION: St. Charles, Illinois, USA

POTENTIALLY TOXIC ELEMENTS

TOXIC ELEMENTS	RESULT µg/g	REFERENCE RANGE	PERCENTILE	
			68 th	95 th
Aluminum	4.4	< 8.0		
Antimony	0.099	< 0.066		
Arsenic	0.030	< 0.060		
Barium	0.35	< 1.5		
Beryllium	< 0.01	< 0.020		
Bismuth	0.15	< 2.0		
Cadmium	0.016	< 0.060		
Lead	0.60	< 0.60		
Mercury	< 0.03	< 0.40		
Platinum	< 0.003	< 0.005		
Thallium	< 0.001	< 0.002		
Thorium	< 0.001	< 0.002		
Uranium	0.002	< 0.060		
Nickel	0.09	< 0.30		
Silver	0.21	< 0.18		
Tin	0.33	< 0.30		
Titanium	1.9	< 0.60		
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	216	350- 1000					
Magnesium	100	35- 120					
Sodium	270	18- 180					
Potassium	170	8- 75					
Copper	10	11- 37					
Zinc	170	150- 230					
Manganese	0.30	0.08- 0.60					
Chromium	0.32	0.40- 0.65					
Vanadium	0.015	0.020- 0.075					
Molybdenum	0.036	0.025- 0.060					
Boron	2.0	0.20- 1.2					
Iodine	0.29	0.25- 1.3					
Lithium	0.015	0.007- 0.020					
Phosphorus	216	150- 220					
Selenium	0.84	0.70- 1.1					
Strontium	0.29	0.86- 6.2					
Sulfur	49400	44000- 50000					
Cobalt	0.021	0.005- 0.040					
Iron	12	7.0- 16					
Germanium	0.038	0.031- 0.040					
Rubidium	0.14	0.006- 0.060					
Zirconium	0.79	0.025- 0.50					

SPECIMEN DATA

COMMENTS:

Date Collected: 5/29/2010 Sample Size: 0.202 g
 Date Received: 6/1/2010 Sample Type: Head
 Date Completed: 6/3/2010 Hair Color: Brown
 Client Reference: 1233538 Treatment:
 Methodology: ICP-MS Shampoo: Suave

V010.08

RATIOS

ELEMENTS	RATIOS	EXPECTED RANGE
Ca/Mg	2.16	4- 30
Ca/P	1	1- 12
Na/K	1.59	0.5- 10
Zn/Cu	17	4- 20
Zn/Cd	> 999	> 800

Health history for hair test 392

My name is Steve and I've been a member of Yahoo FDC for quite some time and have read Dr. Cutler's books. I've found a big connection between my lymphoma and mercury from my amalgam fillings (removed 5 years ago).

Anyways, my 13 year old daughter Lisa has been getting sick way too many times (about once a month) with cough, cold, sore throat, slight fever, etc. I decided to do a hair test on her to see if it showed anything. She got braces on 2 years ago. Being familiar with heavy metals, I insisted on nickel free materials. She has stainless steel materials in her mouth. She does not have any amalgams and still has her wisdom teeth and does not have any root canals.

Her mother had 11 amalgam fillings during pregnancy and breast feeding. She recently underwent a TDR with a biological dentist and had them removed.

Lisa's only supplements she has been taking are Fish Oil at meal times (to help with high cholesterol) and when she gets sick, I'll give her Ester C (2 grams per day) and sometimes Echinacea and Atragalus if it's really bad. The fish oil is from Carlson's and is supposed to be screened for mercury.

Regarding vaccinations she only received them when she was an infant. I've refused any for her or my son in the past 5 years (after I was diagnosed with lymphoma and learned of Dr. Cutler's books).

We live in St. Charles, Illinois (NW of Chicago). She drinks reverse osmosis water from our private well.

She also has been experiencing odd symptoms of joint pain or muscle ache, and pains in her lower left side. This happens every so often and then seems to just go away.

I've attached her hair test. I really could use help understanding what it means and what we can do to help her. After reading Dr. Cutler's book re: her results, my unskilled interpretation is:

- Even though the counting rules are not met, high antimony and titanium could point to mercury, even though her's is very low on the hair test
- Antimony can depress the white blood cells, especially neutrophils and this could cause her to be more prone to colds/illness
- She might do better on a high protein/low carb diet. I've also studied metabolic typing and that too would suggest this for her metabolic type. I'm trying to work her towards this type of diet.

She has a lot of comforters, blankets, pillows, etc that she sleeps with. That's the only source (flame retardant ?) of antimony I can think of. Re; the titanium, I have no idea why that would be so high.

Thank you so much in advance for any help.