

HAIR ELEMENTS



PATIENT: Number 388
SEX: Male
AGE: 2
LOCATION: South-Eastern, USA

POTENTIALLY TOXIC ELEMENTS

TOXIC ELEMENTS	RESULT $\mu\text{g/g}$	REFERENCE RANGE	PERCENTILE	
			68 th	95 th
Aluminum	1.9	< 8.0		
Antimony	2.1	< 0.066		
Arsenic	3.5	< 0.080		
Barium	0.06	< 0.50		
Beryllium	< 0.01	< 0.020		
Bismuth	1.0	< 2.0		
Cadmium	0.026	< 0.070		
Lead	0.07	< 1.0		
Mercury	0.37	< 0.40		
Platinum	< 0.003	< 0.005		
Thallium	< 0.001	< 0.002		
Thorium	< 0.001	< 0.002		
Uranium	< 0.001	< 0.060		
Nickel	0.01	< 0.20		
Silver	0.02	< 0.20		
Tin	0.19	< 0.30		
Titanium	0.92	< 1.0		
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	130	125- 370					
Magnesium	3	12- 30					
Sodium	11	20- 200					
Potassium	17	12- 200					
Copper	8.3	11- 18					
Zinc	120	100- 190					
Manganese	0.05	0.10- 0.50					
Chromium	0.43	0.43- 0.80					
Vanadium	0.057	0.030- 0.10					
Molybdenum	0.052	0.050- 0.13					
Boron	5.6	0.70- 5.0					
Iodine	1.2	0.25- 1.3					
Lithium	0.006	0.007- 0.020					
Phosphorus	193	150- 220					
Selenium	0.95	0.70- 1.1					
Strontium	0.46	0.16- 1.0					
Sulfur	48500	45500- 53000					
Cobalt	0.002	0.004- 0.020					
Iron	10	7.0- 16					
Germanium	0.029	0.030- 0.040					
Rubidium	0.023	0.016- 0.18					
Zirconium	0.060	0.040- 1.0					

SPECIMEN DATA

COMMENTS:

Date Collected: 5/18/2010 Sample Size: 0.2 g
 Date Received: 5/21/2010 Sample Type: Head
 Date Completed: 5/28/2010 Hair Color: Brown
 Client Reference: Treatment:
 Methodology: ICP-MS Shampoo: Weleda

V010.08

RATIOS

ELEMENTS	RATIOS	EXPECTED RANGE
Ca/Mg	43.3	4- 30
Ca/P	0.674	0.8- 8
Na/K	0.647	0.5- 10
Zn/Cu	14.5	4- 20
Zn/Cd	> 999	> 800

Health history for hair test 388

1) What are your current symptoms and health history?

Delayed development – 32 months old and only mumbles a few words; also physically unsteady and ‘stiff’ lower body even with months of physical therapy; walks around with hand and arm positioning that is bothersome (“special” looking). Mood swings. Keeps to himself mostly – does not like to interact with his twin or older brother. Environmental allergies. Thermal hypersensitivity. Craves sweets even though restricted. Gut dysbiosis. Drags his face across the floor in a very odd manner. Never seems to learn to obey or follow the rules (to the point of both parents questioning their own sanity); utter defiance.

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

N/A – healthy

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

None

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

Seven years prior to pregnancy was when mother had all of her amalgams improperly removed and MMR booster that shutdown her colon.

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

None - thank God.

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

PureBears daily multiple vitamin. Extra Vitamin C as needed. Flora/probiotics.

7) Other information you feel may be relevant?

During labor, mother forced to receive 48 hours of “prophylactic” IV Penicillin. *Heavy sleeper* – likes to sleep a lot.

Interesting note: Under suspicion of heavy metal toxicity, a few months ago received oral nano Zeolite (ACZ nano) product for several days and saw significant improvement in sense of balance and increased social interaction. Looking forward to starting proper chelation!

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

Southeastern U.S.