

HAIR ELEMENTS



PATIENT: Number 172
SEX: Male
AGE: 25
Location: Tampa, FL, USA

POTENTIALLY TOXIC ELEMENTS

TOXIC ELEMENTS	RESULT $\mu\text{g/g}$	REFERENCE RANGE	PERCENTILE	
			68 th	95 th
Aluminum	4.1	< 7.0		
Antimony	0.039	< 0.066		
Arsenic	0.075	< 0.080		
Beryllium	< 0.01	< 0.020		
Bismuth	0.080	< 0.060		
Cadmium	0.34	< 0.15		
Lead	0.72	< 2.0		
Mercury	0.34	< 1.1		
Platinum	< 0.003	< 0.005		
Thallium	< 0.001	< 0.010		
Thorium	< 0.001	< 0.005		
Uranium	0.001	< 0.060		
Nickel	0.27	< 0.40		
Silver	0.02	< 0.12		
Tin	0.21	< 0.30		
Titanium	0.41	< 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	166	200- 750					
Magnesium	13	25- 75					
Sodium	220	12- 90					
Potassium	79	9- 40					
Copper	56	10- 28					
Zinc	190	130- 200					
Manganese	0.06	0.15- 0.65					
Chromium	0.54	0.20- 0.40					
Vanadium	0.040	0.018- 0.065					
Molybdenum	0.028	0.025- 0.064					
Boron	2.4	0.40- 3.0					
Iodine	0.77	0.25- 1.3					
Lithium	0.007	0.007- 0.023					
Phosphorus	192	160- 250					
Selenium	1.4	0.95- 1.7					
Strontium	0.15	0.30- 3.5					
Sulfur	45000	44500- 52000					
Barium	0.10	0.16- 1.6					
Cobalt	0.004	0.013- 0.035					
Iron	10	5.4- 13					
Germanium	0.041	0.045- 0.065					
Rubidium	0.073	0.011- 0.12					
Zirconium	0.085	0.020- 0.44					

SPECIMEN DATA

COMMENTS:

Date Collected: 4/17/2006
 Date Received: 4/20/2006
 Date Completed: 4/22/2006

Sample Size: 0.202 g
 Sample Type: Head
 Hair Color: Brown
 Treatment:

Methodology: ICP-MS

Shampoo: Suave For Men
 V06.99

RATIOS

ELEMENTS	RATIOS	EXPECTED RANGE
Ca/Mg	12.8	4- 30
Ca/P	0.865	0.8- 8
Na/K	2.78	0.5- 10
Zn/Cu	3.39	4- 20
Zn/Cd	559	> 800

1) What are your current symptoms and health history?

Anxiety, depression, ADD as a child. Constant anxiety inability to handle stress. No history of panic attacks until I extremely sick with panic attacks and anxiety after intentionally doing a crash diet. High blood pressure with anxiety. No other major health problems. Gilberts syndrome a benign liver disorder that effects gluthione conjugation. (reduces) causes a increase in blood billirubin levels.

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

Two small amalgams possibly one amalgam removed without precaution at the age of 12. All four wisdom teeth removed. Two small amalgams removed with IAOMT dentist.

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

This hair test is a year post amalgam removal. 7 rounds of DMSA 1 round of ALA.

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

7-8 amalgams? No work done during pregnancy.

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

Typical vaccines for my age. A few more because of living in 3rd world countries. No flu shots.

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

200 mg of zinc daily. Molybndum, (1000-3000 mcg), b complex. 750 mg magnesium.

7) Other information you feel may be relevant?

My first hair test (not DDI) did not show high copper (I wasn't on any anti copper program) The test had EXTREMELY high nickel (8x the limit) This was a Great Smokies test and only test 10 or elements (toxic and non toxic)

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

Tampa, FL USA.