

HAIR ELEMENTS



PATIENT: Number 476
SEX: Male
AGE: 40
LOCATION: Miami, Florida, USA

POTENTIALLY TOXIC ELEMENTS

TOXIC ELEMENTS	RESULT $\mu\text{g/g}$	REFERENCE RANGE	PERCENTILE	
			68 th	95 th
Aluminum	3.1	< 7.0		
Antimony	< 0.01	< 0.066		
Arsenic	0.038	< 0.080		
Barium	0.48	< 1.0		
Beryllium	< 0.01	< 0.020		
Bismuth	0.15	< 2.0		
Cadmium	0.020	< 0.065		
Lead	0.66	< 0.80		
Mercury	0.74	< 0.80		
Platinum	< 0.003	< 0.005		
Thallium	< 0.001	< 0.002		
Thorium	< 0.001	< 0.002		
Uranium	0.16	< 0.060		
Nickel	0.11	< 0.20		
Silver	0.06	< 0.08		
Tin	0.09	< 0.30		
Titanium	0.76	< 0.60		
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	1470	200- 750					
Magnesium	94	25- 75					
Sodium	75	20- 180					
Potassium	21	9- 80					
Copper	12	11- 30					
Zinc	190	130- 200					
Manganese	0.13	0.08- 0.50					
Chromium	0.33	0.40- 0.70					
Vanadium	0.020	0.018- 0.065					
Molybdenum	0.039	0.025- 0.060					
Boron	0.77	0.40- 3.0					
Iodine	0.43	0.25- 1.8					
Lithium	< 0.004	0.007- 0.020					
Phosphorus	179	150- 220					
Selenium	0.89	0.70- 1.2					
Strontium	9.5	0.30- 3.5					
Sulfur	48000	44000- 50000					
Cobalt	0.008	0.004- 0.020					
Iron	10	7.0- 16					
Germanium	0.028	0.030- 0.040					
Rubidium	0.016	0.011- 0.12					
Zirconium	1.2	0.020- 0.44					

SPECIMEN DATA

COMMENTS:

Date Collected: 4/17/2011 Sample Size: 0.2 g
 Date Received: 4/21/2011 Sample Type: Head
 Date Completed: 4/23/2011 Hair Color: Brown
 Client Reference: Treatment:
 Methodology: ICP-MS Shampoo: Organic

V010.08

RATIOS

ELEMENTS	RATIOS	EXPECTED RANGE
Ca/Mg	15.6	4- 30
Ca/P	8.21	0.8- 8
Na/K	3.57	0.5- 10
Zn/Cu	15.8	4- 20
Zn/Cd	> 999	> 800

Health history for hair test 476

What are your current symptoms and health history? I starting feeling the symptoms of mercury poisoning in January. Did I wait too long to do the test? I sent them the first inch of hair closest to my scalp. Should I send them the second inch for older exposure results?

Dental history (wisdom teeth removed? First root canal placed? Braces? I need to remove 4 amalgams from childhood. One has gold on top of it. I also have what my dentists believes is a nickel post. My first root canal was a year a half ago. My wisdom teeth are intact. I never had braces.

What dental work do you currently have in place? What part of the dental cleanup have you completed? Will be removing all metals in one month.

What dentistry did your mother have at any time before or during pregnancy? All I know is that my Mother had horrible teeth. I believe she had many amalgams.

What vaccinations have you had and when (including flu and especially travel shots)? I was injected with all childhood vaccines and the necessary vaccines for me to travel to Africa a decade ago.

Supplements and medications (including dosages) taken at time of hair test, or for the 3-6 months before the sample was taken. I put high dose vitamin D, milk thistle extract and some form of green powder in my morning shakes.

What is your location - city & country: Miami, Florida