

HAIR ELEMENTS



LAB#: H090918-2399-1
 PATIENT:
 ID:
 SEX: Male
 AGE: 50

CLIENT#:
 DOCTOR:
 Direct Laboratory Services
 4040 Florida St Ste 202
 Mandeville, LA 70448 USA

POTENTIALLY TOXIC ELEMENTS

TOXIC ELEMENTS	RESULT µg/g	REFERENCE RANGE	PERCENTILE	
			68 th	95 th
Aluminum	2.1	< 12		
Antimony	0.028	< 0.080		
Arsenic	0.068	< 0.12		
Barium	1.1	< 1.5		
Beryllium	< 0.01	< 0.020		
Bismuth	< 0.002	< 2.0		
Cadmium	0.055	< 0.065		
Lead	6.3	< 1.5		
Mercury	0.80	< 0.80		
Platinum	< 0.003	< 0.005		
Thallium	< 0.001	< 0.002		
Thorium	< 0.001	< 0.002		
Uranium	0.017	< 0.060		
Nickel	1.1	< 0.40		
Silver	0.08	< 0.10		
Tin	0.16	< 0.30		
Titanium	0.73	< 0.70		
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	848	375- 1100					
Magnesium	61	40- 140					
Sodium	210	60- 400					
Potassium	130	28- 160					
Copper	18	11- 32					
Zinc	150	120- 200					
Manganese	0.11	0.15- 0.65					
Chromium	0.67	0.40- 0.70					
Vanadium	0.060	0.018- 0.065					
Molybdenum	0.027	0.040- 0.080					
Boron	0.76	0.40- 2.5					
Iodine	0.20	0.25- 1.8					
Lithium	< 0.004	0.008- 0.030					
Phosphorus	272	200- 300					
Selenium	1.0	0.80- 1.3					
Strontium	2.1	1.0- 6.0					
Sulfur	47400	41000- 47000					
Cobalt	0.011	0.006- 0.035					
Iron	5.9	7.0- 16					
Germanium	0.028	0.030- 0.040					
Rubidium	0.11	0.030- 0.25					
Zirconium	0.029	0.040- 1.0					

SPECIMEN DATA

COMMENTS:
 Date Collected: 9/15/2009 Sample Size: 0.197 g
 Date Received: 9/18/2009 Sample Type: Pubic
 Date Completed: 9/23/2009 Hair Color: Brown
 Client Reference: Treatment:
 Methodology: ICP-MS Shampoo: Soap

RATIOS

ELEMENTS	RATIOS	EXPECTED RANGE
Ca/Mg	13.9	4- 30
Ca/P	3.12	0.8- 8
Na/K	1.62	0.5- 10
Zn/Cu	8.33	4- 20
Zn/Cd	> 999	> 800

VD10.08

Health history for hair test 313

What are your current symptoms and health history?

Recurrent fatigue, poor concentration, digestive difficulties, diagnosed with IBS about ten years ago, much improved through modification of diet, mostly removal of grains. Evidence of 'leaky gut'.

Dental history (Wisdom teeth removed and when? Any other extractions. First root canal placed? Braces? First amalgam etc...)

Lots of amalgams age 8-11 years. All removed in 2003 except one.

What dental work do you currently have in place? What part of the dental clean-up have you completed?

One amalgam still in place - others removed in 2003.

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

Not known.

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

No vaccinations since childhood.

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

None.

What is your age, height and weight?

50 years old, 5 feet 7 inches, 140 pounds.

Other information you feel may be relevant?

Restored old house 2001 - present. Source of lead?

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

London, UK.
