

HAIR ELEMENTS



PATIENT: Hair Test 424
SEX: Female
AGE: 41
LOCATION: Los Angeles, USA

POTENTIALLY TOXIC ELEMENTS

TOXIC ELEMENTS	RESULT $\mu\text{g/g}$	REFERENCE RANGE	PERCENTILE	
			68 th	95 th
Aluminum	12	< 7.0		
Antimony	0.020	< 0.050		
Arsenic	0.078	< 0.060		
Barium	1.2	< 2.0		
Beryllium	< 0.01	< 0.020		
Bismuth	0.021	< 2.0		
Cadmium	0.016	< 0.050		
Lead	0.40	< 0.60		
Mercury	2.2	< 0.80		
Platinum	< 0.003	< 0.005		
Thallium	< 0.001	< 0.002		
Thorium	< 0.001	< 0.002		
Uranium	0.55	< 0.060		
Nickel	0.09	< 0.30		
Silver	0.02	< 0.15		
Tin	0.14	< 0.30		
Titanium	0.36	< 0.70		
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	927	300- 1200					
Magnesium	81	35- 120					
Sodium	75	20- 250					
Potassium	28	8- 75					
Copper	13	11- 37					
Zinc	190	140- 220					
Manganese	0.12	0.08- 0.60					
Chromium	0.38	0.40- 0.65					
Vanadium	0.038	0.018- 0.065					
Molybdenum	0.045	0.020- 0.050					
Boron	3.5	0.25- 1.5					
Iodine	0.53	0.25- 1.8					
Lithium	0.009	0.007- 0.020					
Phosphorus	185	150- 220					
Selenium	1.1	0.55- 1.1					
Strontium	5.0	0.50- 7.6					
Sulfur	46100	44000- 50000					
Cobalt	0.007	0.005- 0.040					
Iron	9.9	7.0- 16					
Germanium	0.022	0.030- 0.040					
Rubidium	0.032	0.007- 0.096					
Zirconium	0.052	0.020- 0.42					

SPECIMEN DATA

COMMENTS:

Date Collected: 10/17/2010 Sample Size: 0.2 g
 Date Received: 10/21/2010 Sample Type: Head
 Date Completed: 10/23/2010 Hair Color:
 Client Reference: 1229565 Treatment:
 Methodology: ICP-MS Shampoo:

V010.08

RATIOS

ELEMENTS	RATIOS	EXPECTED RANGE
Ca/Mg	11.4	4- 30
Ca/P	5.01	1- 12
Na/K	2.68	0.5- 10
Zn/Cu	14.6	4- 20
Zn/Cd	> 999	> 800

Health history for hair test 424

1) What are your current symptoms and health history?

Allergies, eczema/ rashes, tired, bloated

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

Wisdom teeth removed. Had braces as a kid. Can't remember when amalgam was placed but were replaced about 6 months ago.

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

Amalgam removed and replaced with porcelain filling.

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

Don't know.

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

Had vaccines as a child in Asia and travel shots as required including TB.

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

Sporadically - Vitamin C, Vitamin D, Oil of Oregano, Olive Leaf Extract, CoQ10, Reversatol

7) Other information you feel may be relevant?

Son diagnosed autistic and tested mercury toxic.

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

Los Angeles, USA (First 17 years in Taipei, Taiwan)