

HAIR ELEMENTS



PATIENT: Number 492
SEX: Female
AGE: 49
LOCATION: Moline, Illinois, USA

POTENTIALLY TOXIC ELEMENTS				
TOXIC ELEMENTS	RESULT $\mu\text{g/g}$	REFERENCE RANGE	PERCENTILE	
			68 th	95 th
Aluminum	8.7	< 12		
Antimony	0.027	< 0.060		
Arsenic	0.024	< 0.090		
Barium	1.2	< 2.0		
Beryllium	< 0.01	< 0.020		
Bismuth	0.12	< 2.0		
Cadmium	0.059	< 0.050		
Lead	0.91	< 1.0		
Mercury	0.20	< 0.80		
Platinum	< 0.003	< 0.005		
Thallium	< 0.001	< 0.002		
Thorium	0.001	< 0.002		
Uranium	0.014	< 0.060		
Nickel	0.07	< 0.40		
Silver	0.01	< 0.10		
Tin	0.11	< 0.30		
Titanium	0.39	< 1.3		
Total Toxic Representation				

ESSENTIAL AND OTHER ELEMENTS						
ELEMENTS	RESULT $\mu\text{g/g}$	REFERENCE RANGE	PERCENTILE			97.5 th
			2.5 th	16 th	50 th	
Calcium	832	475- 1500				
Magnesium	530	45- 180				
Sodium	7	80- 450				
Potassium	< 3	28- 160				
Copper	9.2	11- 30				
Zinc	180	130- 200				
Manganese	0.33	0.15- 0.65				
Chromium	0.40	0.40- 0.65				
Vanadium	0.077	0.018- 0.065				
Molybdenum	0.041	0.040- 0.10				
Boron	6.7	0.40- 4.0				
Iodine	1.7	0.25- 1.8				
Lithium	< 0.004	0.008- 0.030				
Phosphorus	230	250- 500				
Selenium	0.90	0.80- 1.3				
Strontium	1.7	1.0- 8.0				
Sulfur	46200	42000- 48000				
Cobalt	0.063	0.006- 0.035				
Iron	8.4	7.0- 16				
Germanium	0.030	0.030- 0.040				
Rubidium	0.003	0.030- 0.25				
Zirconium	0.012	0.040- 1.0				

SPECIMEN DATA				RATIOS		
COMMENTS:				ELEMENTS	RATIOS	EXPECTED RANGE
Date Collected: 5/5/2011	Sample Size: 0.198 g			Ca/Mg	1.57	4- 30
Date Received: 6/14/2011	Sample Type: Pubic			Ca/P	3.62	1- 12
Date Completed: 6/16/2011	Hair Color: Blond			Na/K	2.33	0.5- 10
Client Reference: 1281241	Treatment:			Zn/Cu	19.6	4- 20
Methodology: ICP-MS	Shampoo: Neutrogena			Zn/Cd	> 999	> 800
				V010.08		

Health history for hair test 492

1. What are your current symptoms and health history?

Heat intolerance, burning skin especially feet, fatigue, confusion, insomnia, tinnitus, lumbar pain, muscle cramps, irritability/anger, depression/withdrawal.

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

Wisom teeth removal age 19. First amalgam age 8. Total of 12 amalgams/crowns removed by IAOMT Dentist began Jan - Apr. 2011. One root canal approx age 30, had it extracted in Mar.

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

Mother had many amalgams during pregnancy.

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

Typical childhood vaccines. One and only flu shot in 2000...when symptoms began.

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

Magnesium 400mg

CoQ10 100mg

C 1 gram

B5 1000mg

B1 100mg

B Complex

B12 2000mcg

Calcium 600mg

Folate 800mcg

Silymarin 400mg

Rutin 500mg

Quercitin 500mg

Vit D 2000mg

Probiotics

Fish Oil 1000mg

7. What is your age, height and weight?

49, 5'3", 163#

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