

HAIR ELEMENTS



PATIENT: Number 340
SEX: Female
AGE: 16

POTENTIALLY TOXIC ELEMENTS				
TOXIC ELEMENTS	RESULT $\mu\text{g/g}$	REFERENCE RANGE	PERCENTILE	
			68 th	95 th
Aluminum	2.5	< 8.0		
Antimony	0.012	< 0.066		
Arsenic	0.047	< 0.060		
Barium	0.29	< 1.5		
Beryllium	< 0.01	< 0.020		
Bismuth	0.009	< 2.0		
Cadmium	< 0.009	< 0.060		
Lead	0.06	< 0.60		
Mercury	0.09	< 0.40		
Platinum	< 0.003	< 0.005		
Thallium	< 0.001	< 0.002		
Thorium	< 0.001	< 0.002		
Uranium	0.002	< 0.060		
Nickel	0.09	< 0.30		
Silver	0.10	< 0.18		
Tin	0.09	< 0.30		
Titanium	0.44	< 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	551	350- 1000					
Magnesium	45	35- 120					
Sodium	25	18- 180					
Potassium	5	8- 75					
Copper	21	11- 37					
Zinc	210	150- 230					
Manganese	0.06	0.08- 0.60					
Chromium	0.50	0.40- 0.65					
Vanadium	0.029	0.020- 0.075					
Molybdenum	0.070	0.025- 0.060					
Boron	0.69	0.20- 1.2					
Iodine	0.32	0.25- 1.3					
Lithium	< 0.004	0.007- 0.020					
Phosphorus	204	150- 220					
Selenium	1.0	0.70- 1.1					
Strontium	1.2	0.86- 6.2					
Sulfur	48900	44000- 50000					
Cobalt	0.004	0.005- 0.040					
Iron	7.7	7.0- 16					
Germanium	0.029	0.031- 0.040					
Rubidium	0.006	0.006- 0.060					
Zirconium	0.12	0.025- 0.50					

SPECIMEN DATA				RATIOS		
COMMENTS:				ELEMENTS	RATIOS	EXPECTED RANGE
Date Collected:	3/23/2010	Sample Size:	0.202 g	Ca/Mg	12.2	4- 30
Date Received:	3/26/2010	Sample Type:	Head	Ca/P	2.7	1- 12
Date Completed:	3/27/2010	Hair Color:	Brown	Na/K	5	0.5- 10
Client Reference:		Treatment:		Zn/Cu	10	4- 20
Methodology:	ICP-MS	Shampoo:	Joico	Zn/Cd	> 999	> 800

V010.08

Health history for hair test 340

1) What are your current symptoms and health history?

No, major symptoms. Very seldom sick. She coughs sometimes but has no cold.

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

Some fillings with composite. No braces yet, no amalgam, no root canal. Wisdom teeth are not out yet.

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

No dental work necessary right now. Has to start braces soon.

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

Around 12 amalgam fillings, 1 root canal.

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

Childhood vaccinations till age 6. None after that.

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

Not much supplements. Just every now and then camu camu, dolomite, multisupplement. No medicine. Homoeopathic remedies when needed.

7) Other information you feel may be relevant?

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

Since August 2009 Florida. Before 1 year Washington State and 4 years Germany.