HAIR ELEMENTS



PATIENT: Number 310

SEX: Female AGE: 30

LOCATION: Grand Rapids, Michigan, USA

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POTENTIALLY TOXIC ELEMENTS TOXIC RESULT REFERENCE PERCENTILE							
ELEMENTS		RANGE	68 th 95 th				
Aluminum	μg/g 4.2	< 7.0				93	
Antimony	0.012	< 0.050		-			
Arsenic	0.012	< 0.060		······································			
Barium	0.77	< 2.0		····· · ··	·····		
Beryllium	< 0.01	< 0.020		····· · ··	·····		
Bismuth	0.014	< 2.0	•	······	······		
Cadmium	0.042	< 0.050			-		
Lead	0.18	< 0.60		······································	······		
Mercury	0.03	< 0.80	•		······		
Platinum	< 0.003	< 0.005			······		
Thallium	< 0.001	< 0.002		······································			
Thorium	< 0.001	< 0.002		······································			
Uranium	0.008	< 0.060					
Nickel	0.25	< 0.30					
Silver	0.04	< 0.15					
Tin	0.50	< 0.30					
Titanium	0.44	< 0.70		-			
Total Toxic Represen	_				••••••		
		ESSENTIAL	. AND OTHER	FLEMENT	S		
	RESULT	REFERENCE			PERCENTI	F	
ELEMENTS		RANGE	2.5 th	16 th	50 th		4 th 97.5 th
Calcium	μg/g 2420	300- 1200	2.5	10	30	0-	7 37.3
Magnesium	180	35- 120		······			
Sodium	69	20- 250	······	······			
Potassium	8	8- 75					
Copper	22	11- 37					
Zinc	200	140- 220		•••••			•••••
Manganese	0.20	0.08- 0.60		•••••			•
Chromium	0.50	0.40- 0.65		•••••	•		•
Vanadium	0.028	0.018- 0.065		•••••			• • • • • • • • • • • • • • • • • • • •
Molybdenum	0.069	0.020- 0.050		•••••			
Boron	0.67	0.25- 1.5		•••••			
Iodine	0.55	0.25- 1.8		•••••	•		
Lithium	< 0.004	0.007- 0.020		•••••			······
Phosphorus	162	150- 220					
Selenium	0.93	0.55- 1.1					
Strontium	4.4	0.50- 7.6					
Sulfur	48700	44000- 50000					
Cobalt	0.023	0.005- 0.040					
Iron	13	7.0- 16					
Germanium	0.037	0.030- 0.040					
Rubidium	0.008	0.007- 0.096					
Zirconium	0.99	0.020- 0.42					
	SI	PECIMEN DATA				RATIOS	
COMMENTS:	COMMENTS:						EXPECTED
	31/2009	Sample Size:	0.2 g		ELEMENTS	RATIOS	RANGE
Date Received: 8/5/2009		Sample Type:	Head		Ca/Mg	13.4	4- 30
Date Completed: 8/6/2009		Hair Color:	Brown		Ca/P	14.9	1- 12
Client Reference:		Treatment:	··		Na/K	8.63	0.5- 10
Methodology: ICP-MS		Shampoo:	Pantene		Zn/Cu	9.09	4- 20
		2		V010.08	Zn/Cd	> 999	> 800

Health history for hair test 310

1. Symptoms/health history

fatigue, low energy, depression (began at age 17), sensitive to weeds, difficulty swallowing sometimes (lump on side of throat, moves downward), heat intolerance, difficulty getting to sleep, canker sores since a young age, bruxism, prolapsed cervix in last 4 years, pharyngitis at least twice as a teenager, has always had dry skin, soft teeth, has unknown allergies.

2. Dental history

Wisdom teeth removed in January 1998. Braces at ages 12-14. Had one amalgam in a baby tooth, now gone.

3. Dental work currently in place

Have no amalgams.

4. Mother's dentistry before or during pregnancy

Records are not available, but she could have had amalgams placed during her pregnancy. She had several amalgam fillings in place during the pregnancy.

5. Vaccinations

Flu Shot in January, 1999. Usual vaccinations as a child.

6. Supplements and medications

Armour Thyroid - 60 and 90 mg tablets on alternate days. Sertraline - 150 mg daily for depression.

7. Age, height, weight

Age 30, Height 5'6", Weight 160 lb.

8. Other relevant information

Mother had allergy shots prior to her pregnancy with me and 1 or 2 during the first trimester. Mother (#203) is mercury toxic, now chelating. I was breast fed and bottle fed.

9. Location

Grand Rapids, Michigan, USA