

HAIR ELEMENTS



PATIENT: Number 350
SEX: Male
AGE: 51
LOCATION: Canada

POTENTIALLY TOXIC ELEMENTS				
TOXIC ELEMENTS	RESULT $\mu\text{g/g}$	REFERENCE RANGE	PERCENTILE	
			68 th	95 th
Aluminum	1.7	< 7.0		
Antimony	0.018	< 0.066		
Arsenic	0.032	< 0.080		
Barium	1.2	< 1.0		
Beryllium	< 0.01	< 0.020		
Bismuth	0.023	< 2.0		
Cadmium	0.028	< 0.065		
Lead	0.28	< 0.80		
Mercury	0.48	< 0.80		
Platinum	< 0.003	< 0.005		
Thallium	0.001	< 0.002		
Thorium	0.001	< 0.002		
Uranium	0.006	< 0.060		
Nickel	0.39	< 0.20		
Silver	0.06	< 0.08		
Tin	0.08	< 0.30		
Titanium	0.33	< 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	1120	200 - 750					
Magnesium	140	25 - 75					
Sodium	51	20 - 180					
Potassium	9	9 - 80					
Copper	90	11 - 30					
Zinc	200	130 - 200					
Manganese	0.64	0.08 - 0.50					
Chromium	0.39	0.40 - 0.70					
Vanadium	0.023	0.018 - 0.065					
Molybdenum	0.034	0.025 - 0.060					
Boron	0.62	0.40 - 3.0					
Iodine	0.35	0.25 - 1.8					
Lithium	0.004	0.007 - 0.020					
Phosphorus	184	150 - 220					
Selenium	1.2	0.70 - 1.2					
Strontium	2.2	0.30 - 3.5					
Sulfur	49600	44000 - 50000					
Cobalt	0.014	0.004 - 0.020					
Iron	12	7.0 - 16					
Germanium	0.035	0.030 - 0.040					
Rubidium	0.014	0.011 - 0.12					
Zirconium	0.096	0.020 - 0.44					

SPECIMEN DATA				RATIOS		
COMMENTS:				ELEMENTS	RATIOS	EXPECTED RANGE
Date Collected: 4/12/2010	Sample Size: 0.204 g			Ca/Mg	8	4 - 30
Date Received: 4/17/2010	Sample Type: Head			Ca/P	6.09	0.8 - 8
Date Completed: 4/23/2010	Hair Color: Brown			Na/K	5.67	0.5 - 10
Client Reference:	Treatment:			Zn/Cu	2.22	4 - 20
Methodology: ICP-MS	Shampoo: Nioxin			Zn/Cd	> 999	> 800

V010.08

Health history for hair test 350

1) What are your current symptoms and health history?

Tinnitus, poor sleep, lethargy/low energy/low libido at times, joint aches, arthritis in knee, muscle aches, tight muscles, occasional numbness in left hand and foot, susceptible to tendonitis, allergies to dairy (get dry, bumpy, scaling, cracking skin on hands), algae (itchy eyes) and sulfa drugs (rash), fine tremor in hands, muscle fasciculation in calves and irritated feeling, cramps in toes (better with salt), low heart rate (around 50). All standard medical tests normal. Head MRI normal.

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

Had over ten amalgams with some in place since childhood. Four crowns. Three root canals with first root canal in September 2008 and most recent in May 2009. No teeth removed.

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

Ten amalgams replaced with composites in December 2008 and January 2009. Four crowns with last old crown to be replaced in July 2010. No amalgam in root canal teeth or under new crowns on these teeth.

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

Unknown

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

One flu shot, hepatitis A and tetanus about 5 years ago. Usual childhood vaccines.

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

Multivitamin, 1500 mg Vitamin C, 750 mg each calcium and magnesium, 50 mg zinc, omega 3 flax or fish oil, milk thistle, vitamin D, vitamin E, ½ tsp. sea salt, Siberian ginseng.

7) Other information you feel may be relevant?

Very sensitive to some supplements causing sleep disturbances (e.g. B6, multi B's, selenium, melatonin, E?).

DMPS challenge test in 2008 by NP Doctor showed high mercury (before I knew better). He also had me on fairly high dose R+ ALA and DMPS, liver support, and high sulfur diet, during amalgam removal. Although NP did improper chelation, it did start me researching mercury toxicity and led me to the Andy Cutler chelation method and FDC and AMC Yahoo groups.

Will be starting AC chelation protocol in July 2010 after last crown is replaced.

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

Canada