

HAIR ELEMENTS



PATIENT: Number 481
SEX: Female
AGE: 52

POTENTIALLY TOXIC ELEMENTS				
TOXIC ELEMENTS	RESULT $\mu\text{g/g}$	REFERENCE RANGE	PERCENTILE	
			68 th	95 th
Aluminum	1.3	< 7.0		
Antimony	< 0.01	< 0.050		
Arsenic	0.062	< 0.060		
Barium	0.65	< 2.0		
Beryllium	< 0.01	< 0.020		
Bismuth	0.59	< 2.0		
Cadmium	0.012	< 0.050		
Lead	0.47	< 0.60		
Mercury	1.2	< 0.80		
Platinum	< 0.003	< 0.005		
Thallium	< 0.001	< 0.002		
Thorium	< 0.001	< 0.002		
Uranium	0.060	< 0.060		
Nickel	0.20	< 0.30		
Silver	0.11	< 0.15		
Tin	0.06	< 0.30		
Titanium	0.39	< 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	911	300- 1200					
Magnesium	39	35- 120					
Sodium	67	20- 250					
Potassium	14	8- 75					
Copper	33	11- 37					
Zinc	230	140- 220					
Manganese	0.16	0.08- 0.60					
Chromium	0.45	0.40- 0.65					
Vanadium	0.068	0.018- 0.065					
Molybdenum	0.029	0.020- 0.050					
Boron	0.97	0.25- 1.5					
Iodine	1.7	0.25- 1.8					
Lithium	0.004	0.007- 0.020					
Phosphorus	169	150- 220					
Selenium	1.2	0.55- 1.1					
Strontium	5.2	0.50- 7.6					
Sulfur	46900	44000- 50000					
Cobalt	0.005	0.005- 0.040					
Iron	7.3	7.0- 16					
Germanium	0.033	0.030- 0.040					
Rubidium	0.021	0.007- 0.096					
Zirconium	0.12	0.020- 0.42					

SPECIMEN DATA			RATIOS		
COMMENTS:			ELEMENTS	RATIOS	EXPECTED RANGE
Date Collected: 4/26/2011	Sample Size: 0.195 g		Ca/Mg	23.4	4- 30
Date Received: 4/30/2011	Sample Type: Head		Ca/P	5.39	1- 12
Date Completed: 5/3/2011	Hair Color: Brown		Na/K	4.79	0.5- 10
Client Reference: 1276315	Treatment:		Zn/Cu	6.97	4- 20
Methodology: ICP-MS	Shampoo: Natural Citrus		Zn/Cd	> 999	> 800

Hair test 481

52 year old female / 120lbs / 5'6"

CURRENT SYMPTOMS / HEALTH HISTORY

Mild chemical sensitivity. Cognitive problems. Unmotivated. Antisocial. Inner tension.

Lifelong ADD-type symptoms; poor executive function/poor memory/procrastination. Poor stress tolerance.

DENTAL HISTORY

Total Dental Revision 3/2011 - 9 amalgams removed, 6 cavitations, 2 root canals extracted (one enflamed)

CURRENT SUPPLEMENT REGIME (5/2011)

from the Cutler protocol;

Vit C	1000mg x 5
Milk thistle	300mg x 3
Chromium	200mcg x 3
Porcine pancreatic enzymes	x 2
Betaine HCL	x 2
Flax oil	2 TBS
Borage oil	1000mg
Vit D3	5000 IU
Vit E	1000 IU
B-50	75mg
Zinc	50mg
Acetyl L Carnitine	750mg

plus;

2% Lugol's iodine 1 drop daily
Modified Citrus Pectin x 3 (working my way up to 6 daily) to bind biotoxins (water damaged building/mold exposure)
cholestyramine hoping to start soon (build to 1TBS/day) for same reason

MilAdregen	x 3 (whole adrenal glandular)
Isocort	adrenal cortex, currently 3/day
Licorice extract	currently 1/2 cup daily, then 1 cup

OTHER RELEVANT INFORMATION

Sprayed with RoundUp 2008

Mild mold exposure in home 2007 – current. Former home likely 'sickbuilding' 1991-2002

Live in new home (offgassing) 2006 - present