



PATIENT: Number 875
 SEX: Female
 AGE: 59

Toxic & Essential Elements; Hair

TOXIC METALS			
	RESULT µg/g	REFERENCE INTERVAL	PERCENTILE 68 th 95 th
Aluminum (Al)	1.0	< 12	
Antimony (Sb)	< 0.01	< 0.060	
Arsenic (As)	0.050	< 0.090	
Barium (Ba)	1.3	< 2.0	
Beryllium (Be)	< 0.01	< 0.020	
Bismuth (Bi)	0.17	< 2.0	
Cadmium (Cd)	0.012	< 0.050	
Lead (Pb)	0.50	< 1.0	
Mercury (Hg)	1.4	< 0.80	
Platinum (Pt)	< 0.003	< 0.005	
Thallium (Tl)	< 0.001	< 0.002	
Thorium (Th)	< 0.001	< 0.002	
Uranium (U)	0.007	< 0.060	
Nickel (Ni)	0.07	< 0.40	
Silver (Ag)	0.09	< 0.10	
Tin (Sn)	0.05	< 0.30	
Titanium (Ti)	1.6	< 1.3	
Total Toxic Representation			

ESSENTIAL AND OTHER ELEMENTS			
	RESULT µg/g	REFERENCE INTERVAL	PERCENTILE 2.5 th 16 th 50 th 84 th 97.5 th
Calcium (Ca)	1880	475- 1500	
Magnesium (Mg)	370	45- 180	
Sodium (Na)	190	80- 450	
Potassium (K)	63	28- 160	
Copper (Cu)	21	11- 30	
Zinc (Zn)	210	130- 200	
Manganese (Mn)	0.18	0.15- 0.65	
Chromium (Cr)	0.31	0.40- 0.65	
Vanadium (V)	0.022	0.018- 0.065	
Molybdenum (Mo)	0.11	0.040- 0.10	
Boron (B)	5.4	0.40- 4.0	
Iodine (I)	1.2	0.25- 1.8	
Lithium (Li)	0.010	0.008- 0.030	
Phosphorus (P)	1030	250- 500	
Selenium (Se)	1.4	0.80- 1.3	
Strontium (Sr)	50	1.0- 8.0	
Sulfur (S)	47100	42000- 48000	
Cobalt (Co)	0.014	0.006- 0.035	
Iron (Fe)	6.8	7.0- 16	
Germanium (Ge)	0.026	0.030- 0.040	
Rubidium (Rb)	0.051	0.030- 0.25	
Zirconium (Zr)	0.018	0.040- 1.0	

SPECIMEN DATA		RATIOS		
COMMENTS:		ELEMENTS	RATIOS	RANGE
Date Collected: 10/30/2013	Sample Size: 0.195 g	Ca/Mg	5.08	4- 30
Date Received: 11/04/2013	Sample Type: Pubic	Ca/P	1.83	1- 12
Date Completed: 11/07/2013	Hair Color:	Na/K	3.02	0.5- 10
Methodology: ICP/MS	Treatment:	Zn/Cu	10	4- 20
	Shampoo:	Zn/Cd	> 999	> 800

Health history for hair test 875

Current Symptoms and Health History

1 Severe lack of energy- mitochondrial function test result 8%. Poor brain function. Constipation and haemorrhoids . Poor digestion.Candida.Low thyroid. Exhausted adrenals -cortisol levels all very low on stress profile test.All of this has been ongoing for approx 30 years.Osteoporosis.Translocator proteins severely blocked.

2 Memory poor, but think wisdom teeth and first root canal in 20s or 30s.Had 3 root canals eventually. First amalgam under 10 years. Mouth full of amalgams with 1 gold crown.

3 All safely removed about 13-14 years ago ,including root canals and gold crown. Now composite fillings and crowns.

4 Not sure about Mum's dental history and not alive so can't check.

5 Had the normal childhood vaccines at appropriate stages of development and occasional boosters of these as an adult.

6 Supplements; FOS, various herbs etc to help constipation-capsicum/althea complex,rhubarb complex,ortosan fruit cubes, oxyCgen : Ther biotic complete, custom probiotics,sacharomyces boulardi-occasionally.Diosomin ,venaforce. Mg sulphate -5ml inject daily,B12 methyl 5ml inject daily, T3 25mg -divided doses, cortisol cream1% on skin through day -about 20 -30 mg, DHEA 25mg, Vit c, b complex, chromium picolinate -started on this in last month or so, selenium,zinc,vit E, co Q 10, coladeen,fish oils, borage oil,vit D,vit K,digestive enzymes or betain HCL,Triphilia, molybdenum, adrenal cortex -started month ago,Thyro complex. Osteo support or similar, mineral salts,strontium citrate,seagreens, olive leaf at times ,echinacea at times,chlorophyll,glutathione, R lipoic acid,acetyl L'Carnitine- at times.Zeolites (-Zeoactiv8 -stopped few months ago).

7 Used to take colloidal silver when needed in my 30s and 40s.Used to take glutathione regularly in my 40s ;and Lipoic acid and later R- Lipoic acid at high doses 40s and 50s.Also had EDTA IV chelation for 2 years in 1990s and later EDTA suppositories.Followed Klinghardt's protocol and Patrica Kane's over 15 years ago.Have done 13 round with DMSA - now at 12.5mg.

8 UK