

HAIR ELEMENTS



PATIENT: Number 190
 SEX: Male
 AGE: 47
 LOCATION: Gold Coast, Australia

POTENTIALLY TOXIC ELEMENTS				
TOXIC ELEMENTS	RESULT $\mu\text{g/g}$	REFERENCE RANGE	PERCENTILE	
			68 th	95 th
Aluminum	3.9	< 7.0		
Antimony	0.084	< 0.066		
Arsenic	0.11	< 0.080		
Beryllium	< 0.01	< 0.020		
Bismuth	2.2	< 2.0		
Cadmium	0.027	< 0.15		
Lead	0.64	< 2.0		
Mercury	0.24	< 1.1		
Platinum	< 0.003	< 0.005		
Thallium	< 0.001	< 0.010		
Thorium	< 0.001	< 0.005		
Uranium	< 0.001	< 0.060		
Nickel	0.13	< 0.40		
Silver	0.02	< 0.12		
Tin	0.30	< 0.30		
Titanium	0.80	< 1.0		
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	335	200- 750					
Magnesium	35	25- 75					
Sodium	71	12- 90					
Potassium	50	9- 40					
Copper	11	10- 28					
Zinc	190	130- 200					
Manganese	0.06	0.15- 0.65					
Chromium	0.57	0.20- 0.40					
Vanadium	0.066	0.018- 0.065					
Molybdenum	0.037	0.025- 0.064					
Boron	4.4	0.40- 3.0					
Iodine	0.42	0.25- 1.3					
Lithium	< 0.004	0.007- 0.023					
Phosphorus	226	160- 250					
Selenium	1.0	0.95- 1.7					
Strontium	0.14	0.30- 3.5					
Sulfur	50800	44500- 52000					
Barium	0.14	0.16- 1.6					
Cobalt	0.005	0.013- 0.035					
Iron	12	5.4- 13					
Germanium	0.042	0.045- 0.065					
Rubidium	0.056	0.011- 0.12					
Zirconium	0.067	0.020- 0.44					

SPECIMEN DATA				RATIOS		
COMMENTS:				ELEMENTS	RATIOS	EXPECTED RANGE
Date Collected: 7/2/2008	Sample Size: 0.205 g			Ca/Mg	9.57	4- 30
Date Received: 7/11/2008	Sample Type: Head			Ca/P	1.48	0.8- 8
Date Completed: 7/12/2008	Hair Color: Brown			Na/K	1.42	0.5- 10
	Treatment:			Zn/Cu	17.3	4- 20
Methodology: ICP-MS	Shampoo:			Zn/Cd	> 999	> 800

V06.99

Health history of hair Test 190

I am the father of hair test 181

1. I currently have poor hearing and Bi-lateral tinnitus brought on by Sudden senso neural deafness 12 and then 10 years ago left and right respectively. I have also suffered from many allergies for many years confirmed by tests at a rhinitis clinic in London.
2. I have many amalgam fillings from a young age (unnecessarily so I believe according to other subsequent dentists).
3. I still have these fillings in place and also I believe 2 Gold posts due to 3 front false teeth after losing the originals in an accident.
4. I do not know.
5. I believe I had the usual childhood vaccinations plus many anti-biotics due to pneuemonnia at 9 months of age.
6. The occassional Glucosamine sulphate and fish oils but not for about 5-6 months before hair test and a few Zinc and Vitamin c pills.
7. Reasonably physically fit but a general sense of unwellness as well as the conditions previوسly described.
8. Same as 181 Gold Coast Australia for 5 years previوسly London England.