



PATIENT: Number 662
SEX: Male
AGE: 0

Toxic & Essential Elements; Hair

TOXIC METALS			
	RESULT µg/g	REFERENCE INTERVAL	PERCENTILE 68 th 95 th
Aluminum (Al)	14	< 8.0	
Antimony (Sb)	0.21	< 0.066	
Arsenic (As)	0.20	< 0.080	
Barium (Ba)	0.91	< 0.50	
Beryllium (Be)	< 0.01	< 0.020	
Bismuth (Bi)	0.005	< 2.0	
Cadmium (Cd)	0.10	< 0.070	
Lead (Pb)	1.3	< 1.0	
Mercury (Hg)	0.10	< 0.40	
Platinum (Pt)	< 0.003	< 0.005	
Thallium (Tl)	< 0.001	< 0.002	
Thorium (Th)	0.002	< 0.002	
Uranium (U)	0.006	< 0.060	
Nickel (Ni)	0.50	< 0.20	
Silver (Ag)	0.16	< 0.20	
Tin (Sn)	0.23	< 0.30	
Titanium (Ti)	3.0	< 1.0	
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)	890	125- 370					
Magnesium (Mg)	220	12- 30					
Sodium (Na)	7	20- 200					
Potassium (K)	9	12- 200					
Copper (Cu)	13	11- 18					
Zinc (Zn)	250	100- 190					
Manganese (Mn)	0.88	0.10- 0.50					
Chromium (Cr)	0.38	0.43- 0.80					
Vanadium (V)	0.025	0.030- 0.10					
Molybdenum (Mo)	0.063	0.050- 0.13					
Boron (B)	1.1	0.70- 5.0					
Iodine (I)	0.50	0.25- 1.3					
Lithium (Li)	0.022	0.007- 0.020					
Phosphorus (P)	152	150- 220					
Selenium (Se)	6.1	0.70- 1.1					
Strontium (Sr)	2.3	0.16- 1.0					
Sulfur (S)	41000	45500- 53000					
Cobalt (Co)	0.035	0.004- 0.020					
Iron (Fe)	9.0	7.0- 16					
Germanium (Ge)	0.032	0.030- 0.040					
Rubidium (Rb)	0.014	0.016- 0.18					
Zirconium (Zr)	0.032	0.040- 1.0					

SPECIMEN DATA		RATIOS		
COMMENTS: Results were checked.		ELEMENTS	RATIOS	RANGE
Date Collected: 9/8/2012	Sample Size: 0.152 g	Ca/Mg	4.05	4- 30
Date Received: 9/17/2012	Sample Type: Head	Ca/P	5.86	0.8- 8
Date Completed: 9/21/2012	Hair Color: Brown	Na/K	0.778	0.5- 10
Methodology: ICP/MS	Treatment:	Zn/Cu	19.2	4- 20
	Shampoo: Organic	Zn/Cd	> 999	> 800

Health history for hair test 662

What are your current symptoms and health history? no apparent symptoms

Dental history (Wisdom teeth removed and when? Any other extractions. First root canal placed? Braces? First amalgam etc...) no dental history

What dental work do you currently have in place? What part of the dental clean-up have you completed? no dental treatments

What dentistry did your mother have at any time before or during pregnancy? no dental treatments during pregnancy ,amalgam fillings

Supplements and medications (including dosages) taken at time of hair test, or for the 3-6 months before the sample was taken? childlife vitamins and minerals, fish oil 2,5 ml (the last 2 months)

What is your age, height and weight? 6.4 months, about 7 kg

What is your location – city & country (so that we can learn where certain toxins are more prevalent). Tunbridge Wells, Kent, UK