



PATIENT: Number 771
 SEX: Male
 AGE: 30

Toxic & Essential Elements; Hair

TOXIC METALS			
	RESULT µg/g	REFERENCE INTERVAL	PERCENTILE 68 th 95 th
Aluminum (Al)	1.3	< 7.0	
Antimony (Sb)	0.049	< 0.066	
Arsenic (As)	0.092	< 0.080	
Barium (Ba)	0.67	< 1.0	
Beryllium (Be)	< 0.01	< 0.020	
Bismuth (Bi)	< 0.002	< 2.0	
Cadmium (Cd)	0.015	< 0.065	
Lead (Pb)	0.29	< 0.80	
Mercury (Hg)	0.92	< 0.80	
Platinum (Pt)	< 0.003	< 0.005	
Thallium (Tl)	< 0.001	< 0.002	
Thorium (Th)	0.001	< 0.002	
Uranium (U)	0.002	< 0.060	
Nickel (Ni)	0.20	< 0.20	
Silver (Ag)	0.01	< 0.08	
Tin (Sn)	0.07	< 0.30	
Titanium (Ti)	0.24	< 0.60	
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)	327	200- 750			
Magnesium (Mg)	36	25- 75			
Sodium (Na)	11	20- 180			
Potassium (K)	7	9- 80			
Copper (Cu)	18	11- 30			
Zinc (Zn)	340	130- 200			
Manganese (Mn)	0.07	0.08- 0.50			
Chromium (Cr)	0.35	0.40- 0.70			
Vanadium (V)	0.011	0.018- 0.065			
Molybdenum (Mo)	0.023	0.025- 0.060			
Boron (B)	0.25	0.40- 3.0			
Iodine (I)	0.12	0.25- 1.8			
Lithium (Li)	0.004	0.007- 0.020			
Phosphorus (P)	171	150- 220			
Selenium (Se)	0.76	0.70- 1.2			
Strontium (Sr)	0.35	0.30- 3.5			
Sulfur (S)	50700	44000- 50000			
Cobalt (Co)	0.005	0.004- 0.020			
Iron (Fe)	4.6	7.0- 16			
Germanium (Ge)	0.026	0.030- 0.040			
Rubidium (Rb)	0.006	0.011- 0.12			
Zirconium (Zr)	0.032	0.020- 0.44			

SPECIMEN DATA		RATIOS	
COMMENTS:		ELEMENTS	RATIOS
Date Collected: 11/18/2012		Ca/Mg	9.08
Date Received: 11/30/2012		Ca/P	1.91
Date Completed: 12/05/2012		Na/K	1.57
Methodology: ICP/MS		Zn/Cu	18.9
Sample Size: 0.2 g	Sample Type: Head	Zn/Cd	> 999
Hair Color: Brown	Treatment:		
Shampoo: Adidas			
		RANGE	
			4- 30
			0.8- 8
			0.5- 10
			4- 20
			> 800

Health history for hair test 771

1. **What are your current symptoms and health history?**

Anxiety, brain fog, occasional mild depression, difficulty dealing with busy sometimes stressful job, adrenal fatigue, no stamina, weak muscles.
I'm 31 years old, issues with anxiety and fatigue started around 15 years ago. Been through the usual process of getting nowhere on the NHS here in the UK.
Testing with a local nutritionist found low cortisol on a 24 hour saliva test, low free T3 on a blood spot thyroid test, and Candida and parasites including Blastocystis Hominis.
Found a private doctor last November who diagnosed me with mercury and other heavy metal toxicity and possible Lyme disease (low CD57 cell count - 112)
I had 5 treatments on DMPS IV with this doctor which did improve me, but I've decided to follow the Cutler protocol myself as this is cheaper and I believe safer.
2. **Dental history (Wisdom teeth removed and when? Any other extractions. First root canal placed? Braces? First amalgam etc...)**

Can't remember when wisdom teeth were removed. Had 2 mercury fillings put in around 14 years old. These were removed 2 months ago by a private dentist who specializes in mercury removal.
3. **What dental work do you currently have in place? What part of the dental clean-up have you completed?**

I think all the clean up has now been completed
4. **What dentistry did your mother have at any time before or during pregnancy?**

8 or 9 mercury fillings
5. **What vaccinations have you had and when (including flu and especially travel shots)?**

Can't remember, all the standard vaccinations done by the NHS.
6. **Supplements and medications (including dosages) taken at time of hair test, or for the 3-6 months before the sample was taken?**

Magnesium 150 every 2-3 days, zinc 20mg per day, X-tend Life multivitamin occasionally although these always give me a bad headache.
7. **What is your age, height and weight?**

31 years old, 5ft 10 inches, 76kg (168lb)
8. **Other information you feel may be relevant?**

My private doctor told me my mercury levels after DMPS challenge test were the highest he has seen in his clinic (results of this also attached in case of interest)
9. **What is your location – city & country (so that we can learn where certain toxins are more prevalent).**

I live in Settle, North Yorkshire which is north-west UK