



PATIENT: Number 675
 SEX: Male
 AGE: 6

Toxic & Essential Elements; Hair

TOXIC METALS			
	RESULT µg/g	REFERENCE INTERVAL	PERCENTILE 68 th 95 th
Aluminum (Al)	6.0	< 8.0	
Antimony (Sb)	0.035	< 0.066	
Arsenic (As)	0.034	< 0.080	
Barium (Ba)	1.1	< 0.75	
Beryllium (Be)	< 0.01	< 0.020	
Bismuth (Bi)	0.033	< 2.0	
Cadmium (Cd)	0.012	< 0.070	
Lead (Pb)	2.5	< 1.0	
Mercury (Hg)	0.18	< 0.40	
Platinum (Pt)	< 0.003	< 0.005	
Thallium (Tl)	0.001	< 0.002	
Thorium (Th)	< 0.001	< 0.002	
Uranium (U)	0.090	< 0.060	
Nickel (Ni)	0.13	< 0.20	
Silver (Ag)	0.02	< 0.14	
Tin (Sn)	0.13	< 0.30	
Titanium (Ti)	0.24	< 0.70	
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)	748	160- 500			
Magnesium (Mg)	130	12- 50			
Sodium (Na)	47	20- 200			
Potassium (K)	53	12- 140			
Copper (Cu)	8.6	11- 32			
Zinc (Zn)	100	110- 190			
Manganese (Mn)	0.13	0.08- 0.50			
Chromium (Cr)	0.40	0.40- 0.70			
Vanadium (V)	0.020	0.025- 0.10			
Molybdenum (Mo)	0.12	0.040- 0.090			
Boron (B)	0.63	0.50- 3.5			
Iodine (I)	0.23	0.25- 1.3			
Lithium (Li)	0.009	0.007- 0.020			
Phosphorus (P)	151	150- 220			
Selenium (Se)	0.96	0.70- 1.1			
Strontium (Sr)	1.7	0.21- 2.1			
Sulfur (S)	47400	44000- 51000			
Cobalt (Co)	0.014	0.004- 0.020			
Iron (Fe)	10	7.0- 16			
Germanium (Ge)	0.027	0.030- 0.040			
Rubidium (Rb)	0.059	0.008- 0.080			
Zirconium (Zr)	0.038	0.060- 0.70			

SPECIMEN DATA		RATIOS	
COMMENTS:		ELEMENTS	RATIOS
Date Collected: 9/30/2012		Ca/Mg	5.75
Date Received: 10/3/2012		Ca/P	4.95
Date Completed: 10/6/2012		Na/K	0.887
Methodology: ICP/MS		Zn/Cu	11.6
Sample Size: 0.198 g		Zn/Cd	> 999
Sample Type: Head			
Hair Color: Black			
Treatment:			
Shampoo: Magnesium Sulfate			
		RANGE	
		4- 30	
		0.8- 8	
		0.5- 10	
		4- 20	
		> 800	

Health History for Hair Test 675

1. What are your current symptoms and health history?

Our son was diagnosed with ASD - his speech is delayed but has progressed from single words to 3- 4 word sentences. He also has low eye contact. Generally quite healthy. Had fevers when young. Hyperactive and very sensitive to noises.

2. Dental history (Wisdom teeth removed and when? Any other extractions. First root canal placed? Braces? First amalgam etc...): Still has several of his milk tooth. No fillings.

3. What dental work do you currently have in place? What part of the dental clean-up have you completed? None

4. What dentistry did your mother have at any time before or during pregnancy? 2 root canals when pregnant with our son.

5. What vaccinations have you had and when (including flu and especially travel shots)? All the required vaccinations. No flu shots.

6. Supplements and medications (including dosages) taken at time of hair test, or for the 3-6 months before the sample was taken?

Vitamins and Minerals:

Essential 4 - 1 cap, 3 to 4 times a day

Essential Multi - 1 cap, 2 times a day

Klaire Lab Magnesium Glycinate -1 cap after dinner

Klaire Lab Micellized Vit A - 1 drop every 2 days

Rx Vitamins Liqui-D3 - 1 drop (2000 i.u.) every day

Life Extension Ascorbyl Palmitate 500mg (Fat soluble Vit C) - 1 caps two to three times per day.

Life Extension Optizinc 30mg - 1 cap per day as needed especially during chelation rounds

Crystal C (Vit C) - 1/2 tsp with every Almond milk given (he usually drinks 2 -3 times per day)

Thorne Vit K - 1 drop (1mg) every other day

Green Pastures Fermented Cod Liver Oil - 1 cap per day after breakfast

Liver Support:

Jarrow Milk Thistle - 1 cap a day

Antioxidant:

Swanson Ultra Acetyl L-carnitine 500mg - 1 cap two to three times throughout the day especially during chelation rounds.

Yeasts and bacteria control / Gut support / probiotic:

CP1 probiotic - 2 to 3 caps per day at bedtime

Nutribiotic Grapefruit Seed Extract (GSE) - 1 cap twice a day, after breakfast and after lunch

Now Foods Biotin 5g - 1 cap after every meal

Diatomaceous Earth (food grade) - 1 tsp per day

Methylation support:

Liquid Dimethylglycine (Foodscience of Vermont Aangamik DMG) - 1 squirts after breakfast and 2 squirts after lunch.

Metagenics Actifolate- 2 tabs per day (divided doses) - given especially before MB12 and DMG

Revitapop MB12 lollipop - once a day

Now Foods Taurine 500 mg - 1 cap after dinner

Now Foods L-lysine 500 mg- 1 cap after dinner (Usually in the evening)

Thorne Research Adrenal Cortex 50mg - 1 cap two to three times per day especially during chelation rounds.

Ashwagandha Ghana tablet (from Chaitanya Pharm) - 4 during chelation round

7. What is your age, height and weight? 6 years, 120cms, 50Lbs (22.6 Kg)

8. Other information you feel may be relevant? Bleeds from nose frequently, ulceration on the tongue/ mouth frequently

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