



PATIENT: Number 705
 SEX: Male
 AGE: 4

Toxic Element Exposure Profile; Hair

TOXIC METALS			
	RESULT µg/g	REFERENCE INTERVAL	PERCENTILE 68 th 95 th
Arsenic (As)	0.077	< 0.20	
Lead (Pb)	1.9	< 6.0	
Mercury (Hg)	0.13	< 2.0	
Cadmium (Cd)	0.024	< 0.25	
Chromium (Cr)	0.67	< 1.0	
Beryllium (Be)	< 0.01	< 0.050	
Cobalt (Co)	0.007	< 0.050	
Nickel (Ni)	0.17	< 0.60	
Zinc (Zn)	85	< 240	
Copper (Cu)	15	< 35	
Thorium (Th)	< 0.001	< 0.005	
Thallium (Tl)	< 0.001	< 0.005	
Barium (Ba)	0.23	< 2.0	
Cesium (Cs)	< 0.002	< 0.010	
Manganese (Mn)	0.32	< 1.2	
Selenium (Se)	0.60	< 1.6	
Bismuth (Bi)	0.65	< 5.0	
Vanadium (V)	0.048	< 0.30	
Silver (Ag)	0.37	< 1.0	
Antimony (Sb)	0.045	< 0.20	
Palladium (Pd)	< 0.004	< 0.010	
Aluminum (Al)	13	< 22	
Platinum (Pt)	< 0.003	< 0.010	
Tungsten (W)	0.004	< 0.020	
Tin (Sn)	0.38	< 0.80	
Uranium (U)	0.016	< 0.20	
Gold (Au)	0.090	< 0.30	
Tellurium (Te)	< 0.05	< 0.050	
Germanium (Ge)	0.037	< 0.045	
Titanium (Ti)	0.36	< 2.0	
Gadolinium (Gd)	< 0.001	< 0.008	

SPECIMEN DATA

Comments:

Date Collected: 3/25/2012
 Date Received: 4/5/2012
 Date Completed: 4/12/2012

Method: ICP-MS
 <dl: less than detection limit
 µg/g = ppm

Sample Type: Head
 Sample Size: 0.202 g
 Hair Color:
 Treatment:
 Shampoo: Jj Baby

Metals are listed in descending priority order based upon data from the Agency for Toxic Substances and Disease Registry which considers not only the relative toxicity per gram metal, but also the frequency for occurrence of exposure.

Health history for hair test 705

What are your current symptoms and health history? - My son is diagnosed with autism at 3 and half and now he is 5 years old.

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

What dental work do you currently have in place? What part of the dental clean-up have you completed? -My son doesn't have any dental history.

What dentistry did your mother have at any time before or during pregnancy? but his mother, me had 3 ceramic teeth when I was pregnant.

What vaccinations have you had and when (including flu and especially travel shots)? -My son had all his vaccinations till 3 years old, DTP, MMR, Hep B etc.

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

What is your age, height and weight? -He is 5 years, 106 cm and 15 kgs.

Other information you feel may be relevant? -He was fine until 18 months and after the last DTP vaccination he began to regress but he actually never spoke, he is non-verbal now.

What is your location – city & country (so that we can learn where certain toxins are more prevalent). -I am from Baku, Azerbaijan.