



PATIENT: Number 572  
 SEX: Male  
 AGE: 3

## Toxic & Essential Elements; Hair

TOXIC METALS			
	RESULT µg/g	REFERENCE INTERVAL	PERCENTILE 68 <sup>th</sup> 95 <sup>th</sup>
Aluminum (Al)	12	< 8.0	
Antimony (Sb)	0.030	< 0.066	
Arsenic (As)	0.093	< 0.080	
Barium (Ba)	0.12	< 0.50	
Beryllium (Be)	< 0.01	< 0.020	
Bismuth (Bi)	0.049	< 2.0	
Cadmium (Cd)	0.019	< 0.070	
Lead (Pb)	0.49	< 1.0	
Mercury (Hg)	0.65	< 0.40	
Platinum (Pt)	< 0.003	< 0.005	
Thallium (Tl)	< 0.001	< 0.002	
Thorium (Th)	0.003	< 0.002	
Uranium (U)	0.018	< 0.060	
Nickel (Ni)	0.06	< 0.20	
Silver (Ag)	0.06	< 0.20	
Tin (Sn)	0.27	< 0.30	
Titanium (Ti)	0.59	< 1.0	
Total Toxic Representation			

ESSENTIAL AND OTHER ELEMENTS					
	RESULT µg/g	REFERENCE INTERVAL	PERCENTILE 2.5 <sup>th</sup> 16 <sup>th</sup> 50 <sup>th</sup> 84 <sup>th</sup> 97.5 <sup>th</sup>		
Calcium (Ca)	195	125- 370			
Magnesium (Mg)	9	12- 30			
Sodium (Na)	130	20- 200			
Potassium (K)	150	12- 200			
Copper (Cu)	9.4	11- 18			
Zinc (Zn)	130	100- 190			
Manganese (Mn)	0.21	0.10- 0.50			
Chromium (Cr)	0.55	0.43- 0.80			
Vanadium (V)	0.076	0.030- 0.10			
Molybdenum (Mo)	0.11	0.050- 0.13			
Boron (B)	1.4	0.70- 5.0			
Iodine (I)	0.59	0.25- 1.3			
Lithium (Li)	0.006	0.007- 0.020			
Phosphorus (P)	157	150- 220			
Selenium (Se)	0.73	0.70- 1.1			
Strontium (Sr)	0.12	0.16- 1.0			
Sulfur (S)	47100	45500- 53000			
Cobalt (Co)	0.007	0.004- 0.020			
Iron (Fe)	12	7.0- 16			
Germanium (Ge)	0.034	0.030- 0.040			
Rubidium (Rb)	0.15	0.016- 0.18			
Zirconium (Zr)	0.052	0.040- 1.0			

SPECIMEN DATA		RATIOS		
COMMENTS: results checked		ELEMENTS	RATIOS	RANGE
Date Collected: 11/1/2011	Sample Size: 0.196 g	Ca/Mg	21.7	4- 30
Date Received: 11/10/2011	Sample Type: Head	Ca/P	1.24	0.8- 8
Date Completed: 11/13/2011	Hair Color: Brown	Na/K	0.867	0.5- 10
Methodology: ICP/MS	Treatment:	Zn/Cu	13.8	4- 20
	Shampoo: Ecological	Zn/Cd	> 999	> 800

## Health history for hair test 572

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

He was just diagnosed with mild ASD and his biggest problem is speech, he babbles a lot and tries to make conversation. He uses same sounds for same object/needs every time and use hand signs as well. He understands most we tell him and will reply most of the times. He is lacking a bit in eye contact as well.

### 2. Dental history (Wisdom teeth removed and when? Any other extractions. First root canal placed? Braces? First amalgam etc...)

He has no amalgams

### 3. What dental work do you currently have in place? What part of the dental clean-up have you completed?

He has no amalgams

### 4. What dentistry did your mother have at any time before or during pregnancy?

She has several fillings with amalgam, but none done during pregnancy

### 5. What vaccinations have you had and when (including flu and especially travel shots)?

He got all his vaccinations up to 10month when he got the swine flu vaccine which he reacted badly to and got big eczemas from that wouldn't go away with cortisone. It finally went away when removing milk. No more vaccines after that.

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

MB-12 shots every 3<sup>rd</sup> day, multivitamin from Claire's lab, acetyl-L-carnetine @ 900mgs in the morning, CytoFlora @ 2droppers X 2 each day.

### 7. What is your age, height and weight?

He is 3yo, ~40pounds and 102cms(3foot 5inch?)

### 8. Other information you feel may be relevant?

He has been on gfcf diet almost for a year and we saw big difference when removing gluten(he was milkfree since swine flu vaccine)

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

We live in Sweden outside of Stockholm