HAIR ELEMENTS



PATIENT: Number 457 SEX: Male

AGE: 3 LOCATION: Portland, OR, USA

POTENTIALLY TOXIC ELEMENTS						
TOXIC	RESULT	REFERENCE	PERCENTILE			
ELEMENTS	μg/g	RANGE	68	B th	95 th	
Aluminum	5.8	< 8.0		_		
Antimony	0.077	< 0.066		-		
Arsenic	0.21	< 0.080				
Barium	0.12	< 0.50				
Beryllium	< 0.01	< 0.020				
Bismuth	0.062	< 2.0	•			
Cadmium	0.031	< 0.070				
Lead	0.92	< 1.0				
Mercury	0.25	< 0.40				
Platinum	< 0.003	< 0.005				
Thallium	< 0.001	< 0.002				
Thorium	< 0.001	< 0.002				
Uranium	0.001	< 0.060	•			
Nickel	0.12	< 0.20				
Silver	0.10	< 0.20				
Tin	0.21	< 0.30				
Titanium	0.66	< 1.0				
Total Toxic Representa	ation					
		ESSENTIAL	AND OTHER ELEMEN	rs		
	RESULT	REFERENCE		PERCENTI		
ELEMENTS	μg/g	RANGE	2.5 th 16 th	50 th	84	4 th 97.5 th
Calcium	83	125- 370				
Magnesium	21	12- 30		_	Þ	
Sodium	42	20- 200				
Potassium	39	12- 200				
Copper	9.5	11- 18				
Zinc	75	100- 190				
Manganese	0.17	0.10- 0.50				
Chromium	0.65	0.43- 0.80				
Vanadium	0.11	0.030- 0.10				
Molybdenum	0.087	0.050- 0.13				
Boron	2.3	0.70- 5.0				
Iodine	2.3	0.25- 1.3				
Lithium	0.007	0.007- 0.020				
Phosphorus	143	150- 220				
Selenium	1.1	0.70- 1.1				
Strontium	0.05	0.16- 1.0				
Sulfur	45500	45500- 53000				
Cobalt	0.007	0.004-0.020				
Iron	12	7.0- 16				
Germanium	0.029	0.030- 0.040				
Rubidium	0.068	0.016- 0.18		-		
Zirconium	0.60	0.040- 1.0				
	SF	PECIMEN DATA			RATIOS	
COMMENTS:						EXPECTED
	5/2011	Sample Size:	0.196 g	ELEMENTS	RATIOS	RANGE
Date Received: 3/10/2011		Sample Type:	Head	Ca/Mg	3.95	4- 30
Date Completed: 3/14/2011		Hair Color:		Ca/P	0.58	0.8- 8
Client Reference: 126		Treatment:		Na/K	1.08	0.5-10
Methodology: ICI	P-MS	Shampoo:		Zn/Cu	7.89	4-20
			V010.08	Zn/Cd	> 999	> 800
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Health history for hair test 457

This hair test is for a 3 year old boy with mild ASD

1) What are your current symptoms and health history? High functioning ASD. Minor sensory issues, perseveration, expressive language delay, and social delay.

2) Dental history (wisdom teeth removed? First root canal placed? Braces? First amalgam etc...) None

3) What dental work do you currently have in place? What part of the dental cleanup have you completed? none

4) What dentistry did your mother have at any time before or during pregnancy? None. Mom had no amalgams or dental work during pregnancy

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

6) Supplements and medications (including dosages) taken at time of hair test, or for the 3-6 months before the sample was taken. Calcium 500mg, Mag 200mg, probiotics, multivitamin, cod liver oil, vit C

7) Other information you feel may be relevant? Had minor lead exposure at 6 months (almost borderline blood lead levels), but showed clean tests by 1 year of age. Exposed to 1 shot of terbeutaline during pregnancy.

8) What is your location - city & country (so that we can learn where certain toxins are more prevalent). Portland, OR