

HAIR ELEMENTS



PATIENT: Number 329
SEX: Male
AGE: 48
LOCATION:

POTENTIALLY TOXIC ELEMENTS				
TOXIC ELEMENTS	RESULT µg/g	REFERENCE RANGE	PERCENTILE	
			68 th	95 th
Aluminum	3.7	< 12	██████████	
Antimony	0.025	< 0.080	██████████	
Arsenic	0.11	< 0.12	██████████	
Barium	0.89	< 1.5	██████████	
Beryllium	< 0.01	< 0.020	██████████	
Bismuth	0.097	< 2.0	██████████	
Cadmium	0.077	< 0.065	██████████	
Lead	3.4	< 1.5	██████████	
Mercury	0.16	< 0.80	██████████	
Platinum	< 0.003	< 0.005	██████████	
Thallium	< 0.001	< 0.002	██████████	
Thorium	< 0.001	< 0.002	██████████	
Uranium	0.055	< 0.060	██████████	
Nickel	0.18	< 0.40	██████████	
Silver	0.18	< 0.10	██████████	
Tin	0.13	< 0.30	██████████	
Titanium	0.50	< 0.70	██████████	
Total Toxic Representation			██████████	

ESSENTIAL AND OTHER ELEMENTS						
ELEMENTS	RESULT µg/g	REFERENCE RANGE	PERCENTILE			
			2.5 th	16 th	50 th	84 th
Calcium	514	375- 1100		██████████	██████████	
Magnesium	58	40- 140		██████████	██████████	
Sodium	87	60- 400		██████████	██████████	
Potassium	29	28- 160		██████████	██████████	
Copper	270	11- 32		██████████	██████████	
Zinc	140	120- 200		██████████	██████████	
Manganese	2.9	0.15- 0.65		██████████	██████████	
Chromium	0.60	0.40- 0.70		██████████	██████████	
Vanadium	0.051	0.018- 0.065		██████████	██████████	
Molybdenum	0.030	0.040- 0.080		██████████	██████████	
Boron	1.4	0.40- 2.5		██████████	██████████	
Iodine	1.1	0.25- 1.8		██████████	██████████	
Lithium	0.008	0.008- 0.030		██████████	██████████	
Phosphorus	204	200- 300		██████████	██████████	
Selenium	1.0	0.80- 1.3		██████████	██████████	
Strontium	1.3	1.0- 6.0		██████████	██████████	
Sulfur	49900	41000- 47000		██████████	██████████	
Cobalt	0.019	0.006- 0.035		██████████	██████████	
Iron	7.9	7.0- 16		██████████	██████████	
Germanium	0.032	0.030- 0.040		██████████	██████████	
Rubidium	0.036	0.030- 0.25		██████████	██████████	
Zirconium	0.086	0.040- 1.0		██████████	██████████	

SPECIMEN DATA			RATIOS		
COMMENTS:					
Date Collected: 11/19/2009	Sample Size: 0.196 g		ELEMENTS	RATIOS	EXPECTED RANGE
Date Received: 11/27/2009	Sample Type: Pubic		Ca/Mg	8.86	4- 30
Date Completed: 12/2/2009	Hair Color:		Ca/P	2.52	0.8- 8
Client Reference:	Treatment:		Na/K	3	0.5- 10
Methodology: ICP-MS	Shampoo:		Zn/Cu	0.519	4- 20
			Zn/Cd	> 999	> 800

V010.08

Health history for hair test 329

Hello,

I am a 48 year old male who has had chronic lyme disease for the last 8 years. My symptoms are sleep problems, connective tissue damage, balance, tinnitus, cognitive, and movement problems. All of these symptoms started after being diagnosed with lyme in 2001.

Before 2001, I was always healthy and worked out every day.

Wisdom teeth were removed at age 20. No other extractions.

As a child I had amalgam fillings in several back teeth.

First root canal was done in 2004 the second was in 2006.

I have had all of the amalgams removed from my mouth between 2001 and 2007.

My mother had some amalgams during pregnancy.

In 1998 I had a series of travel shots before going to Asia. I have not had any vaccinations since 1998.

I have been on the salt/vitamin C protocol for lyme the last 8 months with dosages of 12 gms of salt and vitamin per day.

I have been taking fulvic minerals for 2 years.

My other daily supplements are B50, milk thistle, vitamin code daily for men, and a magnesium calcium vitamin D (1000 mgs calcium and 500 magnesium).

I weigh 155 lbs and am 5 feet nine inches tall.

Thanks