



Test #	H150529-2538-1	Practitioner Name
Patient #		Practitioner Address
TST #	TST-19454	
Patient Name		
Sex	Male	Age
		41

Toxic & Essential Elements; Hair

TOXIC METALS			
	RESULT µg/g	REFERENCE INTERVAL	PERCENTILE 68 th 95 th
Aluminum (Al)	3.5	< 7.0	
Antimony (Sb)	< 0.01	< 0.066	
Arsenic (As)	0.042	< 0.080	
Barium (Ba)	0.13	< 1.0	
Beryllium (Be)	< 0.01	< 0.020	
Bismuth (Bi)	< 0.002	< 2.0	
Cadmium (Cd)	< 0.009	< 0.065	
Lead (Pb)	0.23	< 0.80	
Mercury (Hg)	0.68	< 0.80	
Platinum (Pt)	< 0.003	< 0.005	
Thallium (Tl)	< 0.001	< 0.002	
Thorium (Th)	0.001	< 0.002	
Uranium (U)	< 0.001	< 0.060	
Nickel (Ni)	0.02	< 0.20	
Silver (Ag)	0.21	< 0.08	
Tin (Sn)	0.02	< 0.30	
Titanium (Ti)	0.36	< 0.60	
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)	266	200- 750			
Magnesium (Mg)	25	25- 75			
Sodium (Na)	47	20- 180			
Potassium (K)	39	9- 80			
Copper (Cu)	8.3	11- 30			
Zinc (Zn)	200	130- 200			
Manganese (Mn)	0.27	0.08- 0.50			
Chromium (Cr)	0.38	0.40- 0.70			
Vanadium (V)	0.033	0.018- 0.065			
Molybdenum (Mo)	0.018	0.025- 0.060			
Boron (B)	0.62	0.40- 3.0			
Iodine (I)	0.30	0.25- 1.8			
Lithium (Li)	0.006	0.007- 0.020			
Phosphorus (P)	161	150- 220			
Selenium (Se)	0.66	0.70- 1.2			
Strontium (Sr)	0.24	0.30- 3.5			
Sulfur (S)	47100	44000- 50000			
Cobalt (Co)	0.005	0.004- 0.020			
Iron (Fe)	7.1	7.0- 16			
Germanium (Ge)	0.030	0.030- 0.040			
Rubidium (Rb)	0.045	0.011- 0.12			
Zirconium (Zr)	0.009	0.020- 0.44			

SPECIMEN DATA		RATIOS		
COMMENTS:		ELEMENTS	RATIOS	RANGE
Date Collected: 05/24/2015	Sample Size: 0.197 g	Ca/Mg	10.6	4- 30
Date Received: 05/29/2015	Sample Type: Head	Ca/P	1.65	0.8- 8
Date Completed: 06/03/2015	Hair Color:	Na/K	1.21	0.5- 10
Methodology: ICP/MS	Treatment:	Zn/Cu	24.1	4- 20
	Shampoo:	Zn/Cd	> 999	> 800

Hair Test 1103

- What are your current symptoms and health history?

My main symptoms are: Dizziness, sore joints (knee, elbow, shoulder, neck), nausea, tiredness, cold hands and especially feet.

History: My problems started in 1999 with migraine attacks, lots of sports injuries that wouldn't heal. In 2012 I discovered that I had Lyme disease, The Lyme is gone, but my symptoms are far from all gone.

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

I had my first root canal when I was around 10 years old. My first amalgam filling before. I had my first wisdom tooth removed when around 20. I have had 7 teeth removed around 1-2 years ago because of infection in my jaw bone. I had all my amalgam removed around 1 year ago.

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

I am missing 7 teeth. Have 2 Zirconium bridges in place. I still need another Zirconium bridge placed.

- What dentistry did your mother have at any time before or during pregnancy?

My mother had lots of Amalgam fillings during pregnancy.

- What vaccinations have you had and when (including flu and especially travel shots)?

Unfortunately I don't know. I have standard child vaccinations and vaccinations for travelling in Asia. The last vaccine around 15 years ago.

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

I am currently taking:

C-Vit, Lypo Spheric - 1000mg - 1 pack pr day - LivOn

Andrographis - 3 tabs pr week

Grapefruit Seed Extract - 250mg - 3 tbs pr week - Pure Encapsulated

Organo Oile - 460mg - 5 tabs pr week - Gaia

Super digestaway - 2 tbs pr day, 5 days pr week

Probiotiv 50B - 3 tbs pr week - Pure Encapsulated

Iodine - 1 db pr day

Within the last 6 months I have also taken:

MSM - 1500mg - 4 caps pr day, 5 days pr week - Allergy Research

Calcium - 150mg - 1 cap pr day, 5 days pr week - Pure Encapsulated

D3 - 62,5ug - 1 cap pr day, 3 days pr week

Ubiquinol - 100mg - 1 cap pr day, 3 days pr week - Douglas Labs

- What is your age, height and weight?

I am 42 years old, 183cm (6ft), 87kg (192lbs)

- Other information you feel may be relevant?

I have had 5-6 IV EDTA treatments within the last 2 years.

I very rarely use Shampoo.

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

I live in Denmark. In a house from 1851, located in a forest.