



PATIENT: 'Bi a Vyf', '
 SEX: Male
 AGE: 30

Toxic & Essential Elements; Hair

TOXIC METALS			
	RESULT µg/g	REFERENCE INTERVAL	PERCENTILE 68 th 95 th
Aluminum (Al)	2.3	< 12	
Antimony (Sb)	0.057	< 0.080	
Arsenic (As)	0.14	< 0.12	
Barium (Ba)	0.42	< 1.5	
Beryllium (Be)	< 0.01	< 0.020	
Bismuth (Bi)	0.022	< 2.0	
Cadmium (Cd)	< 0.009	< 0.065	
Lead (Pb)	2.6	< 1.5	
Mercury (Hg)	0.34	< 0.80	
Platinum (Pt)	< 0.003	< 0.005	
Thallium (Tl)	< 0.001	< 0.002	
Thorium (Th)	< 0.001	< 0.002	
Uranium (U)	0.013	< 0.060	
Nickel (Ni)	0.22	< 0.40	
Silver (Ag)	0.01	< 0.10	
Tin (Sn)	0.07	< 0.30	
Titanium (Ti)	1.1	< 0.70	
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)	558	375- 1100			
Magnesium (Mg)	96	40- 140			
Sodium (Na)	170	60- 400			
Potassium (K)	79	28- 160			
Copper (Cu)	11	11- 32			
Zinc (Zn)	140	120- 200			
Manganese (Mn)	0.45	0.15- 0.65			
Chromium (Cr)	0.36	0.40- 0.70			
Vanadium (V)	0.032	0.018- 0.065			
Molybdenum (Mo)	0.047	0.040- 0.080			
Boron (B)	8.4	0.40- 2.5			
Iodine (I)	1.1	0.25- 1.8			
Lithium (Li)	0.029	0.008- 0.030			
Phosphorus (P)	225	200- 300			
Selenium (Se)	1.0	0.80- 1.3			
Strontium (Sr)	1.5	1.0- 6.0			
Sulfur (S)	42700	41000- 47000			
Cobalt (Co)	0.015	0.006- 0.035			
Iron (Fe)	8.0	7.0- 16			
Germanium (Ge)	0.026	0.030- 0.040			
Rubidium (Rb)	0.11	0.030- 0.25			
Zirconium (Zr)	0.052	0.040- 1.0			

SPECIMEN DATA		RATIOS		
COMMENTS:		ELEMENTS	RATIOS	RANGE
Date Collected: 01/13/2014	Sample Size: 0.197 g	Ca/Mg	5.81	4- 30
Date Received: 05/03/2014	Sample Type: Pubic	Ca/P	2.48	0.8- 8
Date Completed: 05/06/2014	Hair Color: Brown	Na/K	2.15	0.5- 10
Methodology: ICP/MS	Treatment:	Zn/Cu	12.7	4- 20
	Shampoo:	Zn/Cd	> 999	> 800

Health history for hair test 983

1) What are your current symptoms and health history?

- Immune: Multiple chemical sensitivity, food sensitivities, mold sensitivities
- Neurological--brain inflammation, confusion, disorientation, agitation/anxiety, poor concentration, a condition called Visual Snow which makes everything I see look like TV static, floaters and other visual phenomena.
- Gut symptoms--candida overgrowth, possibly mold problems, inflammation, poor digestion,

2) Dental history (wisdom teeth removed? First root canal placed? Braces? First amalgam etc...)

- All wisdom teeth remaining, no root canal, no amalgams, no braces ever

3) What dental work do you currently have in place? What part of the dental cleanup have you completed?

- NA

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

- Unsure

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

- I had vaccinations as a child. Not sure for what

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

- Herbs, iP6, colostrum. RXs: finasteride and spironolactone. I had been taking the max recommended dosages for ALA and NAC until 5 months prior to this test

7) Other information you feel may be relevant?

- I had been treating a major candida overgrowth until August 2013 when I moved out of a moldy apartment and my die-off suddenly stopped. I stopped taking ALA and NAC, as I'd been taking them too deal with the die-off. Within a week I started developing major immune problems I'd never had before. I reacted to everything and couldn't get back on ALA and NAC as I seemed to react to them more than anything.

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

Brandon, MB, Canada