

HAIR ELEMENTS



PATIENT: Number 357
SEX: Female
AGE: 30
LOCATION: San Francisco, CA USA

POTENTIALLY TOXIC ELEMENTS

TOXIC ELEMENTS	RESULT µg/g	REFERENCE RANGE	PERCENTILE	
			68 th	95 th
Aluminum	3.3	< 7.0		
Antimony	0.20	< 0.050		
Arsenic	0.088	< 0.060		
Barium	1.1	< 2.0		
Beryllium	< 0.01	< 0.020		
Bismuth	0.047	< 2.0		
Cadmium	0.074	< 0.050		
Lead	0.65	< 0.60		
Mercury	0.04	< 0.80		
Platinum	< 0.003	< 0.005		
Thallium	< 0.001	< 0.002		
Thorium	0.001	< 0.002		
Uranium	0.12	< 0.060		
Nickel	0.53	< 0.30		
Silver	2.1	< 0.15		
Tin	0.16	< 0.30		
Titanium	0.37	< 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	97.5 th
Calcium	555	300- 1200					
Magnesium	58	35- 120					
Sodium	10	20- 250					
Potassium	4	8- 75					
Copper	16	11- 37					
Zinc	250	140- 220					
Manganese	0.32	0.08- 0.60					
Chromium	0.27	0.40- 0.65					
Vanadium	0.053	0.018- 0.065					
Molybdenum	0.043	0.020- 0.050					
Boron	2.1	0.25- 1.5					
Iodine	2.0	0.25- 1.8					
Lithium	0.006	0.007- 0.020					
Phosphorus	148	150- 220					
Selenium	0.67	0.55- 1.1					
Strontium	2.7	0.50- 7.6					
Sulfur	45900	44000- 50000					
Cobalt	0.24	0.005- 0.040					
Iron	7.5	7.0- 16					
Germanium	0.042	0.030- 0.040					
Rubidium	0.004	0.007- 0.096					
Zirconium	0.28	0.020- 0.42					

SPECIMEN DATA

COMMENTS:

Date Collected: 5/2/2010
Date Received: 5/5/2010
Date Completed: 5/8/2010
Client Reference:
Methodology: ICP-MS

Sample Size: 0.2 g
Sample Type: Head
Hair Color: Brown
Treatment:
Shampoo: Aubreys Organics

V010.08

RATIOS

ELEMENTS	RATIOS	EXPECTED RANGE
Ca/Mg	9.57	4- 30
Ca/P	3.75	1- 12
Na/K	2.5	0.5- 10
Zn/Cu	15.6	4- 20
Zn/Cd	> 999	> 800



PATIENT: Number 357 follow up test
SEX: Female
AGE: 32

Toxic & Essential Elements; Hair

TOXIC METALS				PERCENTILE		
		RESULT µg/g	REFERENCE INTERVAL	68 th	95 th	
Aluminum	(Al)	1.8	< 7.0			
Antimony	(Sb)	0.041	< 0.050			
Arsenic	(As)	0.095	< 0.060			
Barium	(Ba)	2.2	< 2.0			
Beryllium	(Be)	< 0.01	< 0.020			
Bismuth	(Bi)	0.010	< 2.0			
Cadmium	(Cd)	0.016	< 0.050			
Lead	(Pb)	0.16	< 0.60			
Mercury	(Hg)	0.03	< 0.80			
Platinum	(Pt)	< 0.003	< 0.005			
Thallium	(Tl)	< 0.001	< 0.002			
Thorium	(Th)	< 0.001	< 0.002			
Uranium	(U)	0.10	< 0.060			
Nickel	(Ni)	0.16	< 0.30			
Silver	(Ag)	0.03	< 0.15			
Tin	(Sn)	0.09	< 0.30			
Titanium	(Ti)	0.26	< 0.70			
Total Toxic Representation						

ESSENTIAL AND OTHER ELEMENTS				PERCENTILE				
		RESULT µg/g	REFERENCE INTERVAL	2.5 th	16 th	50 th	84 th	97.5 th
Calcium	(Ca)	1400	300- 1200					
Magnesium	(Mg)	160	35- 120					
Sodium	(Na)	39	20- 250					
Potassium	(K)	4	8- 75					
Copper	(Cu)	12	11- 37					
Zinc	(Zn)	190	140- 220					
Manganese	(Mn)	0.63	0.08- 0.60					
Chromium	(Cr)	0.41	0.40- 0.65					
Vanadium	(V)	0.018	0.018- 0.065					
Molybdenum	(Mo)	0.029	0.020- 0.050					
Boron	(B)	6.3	0.25- 1.5					
Iodine	(I)	0.33	0.25- 1.8					
Lithium	(Li)	0.010	0.007- 0.020					
Phosphorus	(P)	159	150- 220					
Selenium	(Se)	0.81	0.55- 1.1					
Strontium	(Sr)	9.7	0.50- 7.6					
Sulfur	(S)	50000	44000- 50000					
Cobalt	(Co)	0.081	0.005- 0.040					
Iron	(Fe)	7.1	7.0- 16					
Germanium	(Ge)	0.051	0.030- 0.040					
Rubidium	(Rb)	0.005	0.007- 0.096					
Zirconium	(Zr)	0.021	0.020- 0.42					

SPECIMEN DATA		RATIOS		
COMMENTS:		ELEMENTS	RATIOS	RANGE
Date Collected: 11/19/2011		Ca/Mg	8.75	4- 30
Date Received: 11/25/2011		Ca/P	8.81	1- 12
Date Completed: 11/27/2011		Na/K	9.75	0.5- 10
Methodology: ICP/MS		Zn/Cu	15.8	4- 20
Sample Size: 0.197 g		Zn/Cd	> 999	> 800
Sample Type: Head				
Hair Color: Brown				
Treatment:				
Shampoo: Miracle Ii Soap				

Health history for hair test 357 (follow-up hair test)

What are your current symptoms and health history?

Chronic candida since I was 17 years old, started after taking antibiotics in my late teen. Unable to eat any carbohydrate foods at all.

Used to have an under-active thyroid but that seems to have normalized according to my recent lab tests, but my adrenals are definitely fatigued from the saliva test I recently had done. I get a lot of adrenal symptoms when chelating. I require a lot of sleep. Naturally wake up after 10 hours of sleep, and it's generally difficult to get up in the mornings, and sometimes falling asleep at night. Most common symptom I get when cheating is shortness of breath, tiredness and brain fog. Have had digestive issues since I was a kid.

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

No amalgam fillings. Might have had them as a child but not sure. Have all teeth, no root canals.

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

2 inlays and a few more composite fillings. No amalgam.

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

Not sure.

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

Whatever basic vaccines they gave to newborns in Russia in 1979. There probably was more when I was a kid but I don't remember. There was probably some vaccines I was required to get when moving to the US in 1990 (at 10 years old).

I remember getting one flu shot when I was a teenager.

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

I don't use any medications. I mostly use superfoods as apposed to isolated supplements. I have been taking a food based zinc, some blends of whole food antioxidants, trace mineral drops, food based multi-mineral/vitamin, a few adrenal supplements, and experiment with different supplements for the immune system. I've taken lithium and selenium and magnesium on and off as well as liposoman-C, and food based B vitamins.

What is your age, height and weight?

Age: 30 Height: 5'3" Weight: 110lb

Other information you feel may be relevant?

I have done an immense amount of cleansing and detoxing (intestinal, liver, kidney). I've done 58 liver/gallbladder flushes in the past 3 years. I've been a raw foodist for 11 years and don't consume any chemicals or processed food. Very careful about water quality and products I use. All the practitioners I've seen over the years can't figure out what to do about my persistent candida issue. No matter what I do it does not improve and does not respond to anything.

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

San Francisco, CA USA

Health history for hair test 357

What are your current symptoms and health history?

Chronic candida overgrowth for over 12 years, started after taking antibiotics in my late teen. Unable to eat any carbohydrate foods at all.

Currently suspecting cervical cancer (not diagnosed conventionally).

Low thyroid. Require a lot of sleep. Naturally wake up after 10 hours of sleep, and it's generally difficult to get up in the mornings, and sometimes falling asleep at night. Have had digestive issues since I was a kid.

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

No amalgam fillings. Might have had them as a child but not sure. Have all teeth, no root canals.

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

2 inlays and a few more composite fillings. No amalgam.

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

Not sure, this was in Russian in the late 70s.

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

Whatever basic vaccines they gave to newborns in Russia in 1979. There probably was more when I was a kid but I don't remember. There was probably some vaccines I was required to get when moving to the US in 1990 (at 10 years old). I remember getting one flu shot when I was a teenager.

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

I don't use any medications. I mostly use superfoods as apposed to isolated supplements. I have been taking Zeolites Enhanced with DHQ.

What is your age, height and weight?

Age: 30 Height: 5'3" Weight: 110lb

Other information you feel may be relevant?

I have done an immense amount of cleansing and detoxing (intestinal, liver, kidney). I've been a raw foodist for 9.5 years and don't consume any chemicals or processed food. Very careful about water quality and products I use. All the practitioners I've seen over the years can't figure out what to do about my persistent candida issue. No matter what I do it does not improve.

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

San Francisco, CA USA