

# HAIR ELEMENTS



Patient: Number 88

Sex: Male

Age: 52

## POTENTIALLY TOXIC ELEMENTS

TOXIC ELEMENTS	RESULT $\mu\text{g/g}$	REFERENCE RANGE	PERCENTILE	
			68 <sup>th</sup>	95 <sup>th</sup>
Aluminum	4.7	< 7.0		
Antimony	0.030	< 0.066		
Arsenic	0.054	< 0.080		
Beryllium	< 0.01	< 0.020		
Bismuth	0.078	< 0.060		
Cadmium	0.046	< 0.15		
Lead	2.0	< 2.0		
Mercury	3.2	< 1.1		
Platinum	< 0.003	< 0.005		
Thallium	< 0.001	< 0.010		
Thorium	< 0.001	< 0.005		
Uranium	0.038	< 0.060		
Nickel	0.15	< 0.40		
Silver	0.14	< 0.12		
Tin	0.19	< 0.30		
Titanium	0.41	< 1.0		
Total Toxic Representation				

## ESSENTIAL AND OTHER ELEMENTS

ELEMENTS	RESULT $\mu\text{g/g}$	REFERENCE RANGE	PERCENTILE				
			2.5 <sup>th</sup>	16 <sup>th</sup>	50 <sup>th</sup>	84 <sup>th</sup>	97.5 <sup>th</sup>
Calcium	298	200 - 750					
Magnesium	38	25 - 75					
Sodium	31	12 - 90					
Potassium	15	9 - 40					
Copper	17	10 - 28					
Zinc	140	130 - 200					
Manganese	0.20	0.15 - 0.65					
Chromium	0.49	0.20 - 0.40					
Vanadium	0.044	0.018 - 0.065					
Molybdenum	0.041	0.025 - 0.064					
Boron	0.52	0.40 - 3.0					
Iodine	11	0.25 - 1.3					
Lithium	0.004	0.007 - 0.023					
Phosphorus	159	160 - 250					
Selenium	1.0	0.95 - 1.7					
Strontium	0.93	0.30 - 3.5					
Sulfur	52700	44500 - 52000					
Barium	1.1	0.16 - 1.6					
Cobalt	0.016	0.013 - 0.035					
Iron	8.6	5.4 - 13					
Germanium	0.041	0.045 - 0.065					
Rubidium	0.014	0.011 - 0.12					
Zirconium	0.24	0.020 - 0.44					

## SPECIMEN DATA

**COMMENTS:**  
 Date Collected: 10/19/2005      Sample Size: 0.201 g  
 Date Received: 10/21/2005      Sample Type: Head  
 Date Completed: 10/25/2005      Hair Color:  
    Treatment:  
 Methodology: ICP-MS                      Shampoo:

## RATIOS

ELEMENTS	RATIOS	EXPECTED RANGE
Ca/Mg	7.84	4 - 30
Ca/P	1.87	0.8 - 8
Na/K	2.07	0.5 - 10
Zn/Cu	8.24	4 - 20
Zn/Cd	> 999	> 800

V06.99

# Hair Test 88

Notes

Updated May 2007

<http://www.livingnetwork.co.za/healingnetwork/hairtest.html>

## Medical history

First off my symptoms are STAGGERING

1. NO energy after i wake from 8-9 hours of sleep or during the day
2. mind fog
3. no concentration
4. no memory left

I had this hair anylysis test completed 2 years ago. should i do it again? I was high in Mercury 3.2 ug/g, Silver .14 ug/g, Bismuth .078 ug/g Lead 2.0

## Current symptoms and medical history

1. Fatigued 100% of the time only feel better during exercise or walking in and out of subways
2. My memory is not present at all anymore. Hard to carry on a conversation with people can't think of basic words and its very embarrassing
3. Hands are stiff and slightly painful. very painful when i press on the bones in my hands.
4. A deep aching pain in my shoulders and the feeling they are too heavy for my body
5. If I put on a couple of pounds I am even more tired and useless
6. I have never had depression in the past but i feel it now like never before. A "whats the use feeling" is overpowering me frequently and i have to fight it.
7. Vision is getting worse daily
8. Cannot read anymore hard to focus and cannot concentrate or comprehend anything

## 2) Current dental work in place and dental history

I have one large mercury filling still in my mouth. I have had 5 removed over the last 6 years

## 3) Supplements; medications and chelating schedule at the time of hair test

Supplements or vitamins are not being taken at all. No chelation started at all