



PATIENT: Number 689
 SEX: Female
 AGE: 28

Toxic & Essential Elements; Hair

| TOXIC METALS | | | |
|----------------------------|----------------|-----------------------|---|
| | RESULT µg/g | REFERENCE INTERVAL | PERCENTILE 68 th 95 th |
| Aluminum (Al) | 1.5 | < 7.0 | |
| Antimony (Sb) | < 0.01 | < 0.050 | |
| Arsenic (As) | 0.031 | < 0.060 | |
| Barium (Ba) | 0.73 | < 2.0 | |
| Beryllium (Be) | < 0.01 | < 0.020 | |
| Bismuth (Bi) | 0.006 | < 2.0 | |
| Cadmium (Cd) | 0.011 | < 0.050 | |
| Lead (Pb) | 0.06 | < 0.60 | |
| Mercury (Hg) | 0.19 | < 0.80 | |
| Platinum (Pt) | < 0.003 | < 0.005 | |
| Thallium (Tl) | < 0.001 | < 0.002 | |
| Thorium (Th) | < 0.001 | < 0.002 | |
| Uranium (U) | 0.003 | < 0.060 | |
| Nickel (Ni) | 0.06 | < 0.30 | |
| Silver (Ag) | 0.01 | < 0.15 | |
| Tin (Sn) | 2.6 | < 0.30 | |
| Titanium (Ti) | 0.27 | < 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) | 885 | 300- 1200 | | | |
| Magnesium (Mg) | 190 | 35- 120 | | | |
| Sodium (Na) | 360 | 20- 250 | | | |
| Potassium (K) | 17 | 8- 75 | | | |
| Copper (Cu) | 12 | 11- 37 | | | |
| Zinc (Zn) | 200 | 140- 220 | | | |
| Manganese (Mn) | 0.44 | 0.08- 0.60 | | | |
| Chromium (Cr) | 0.31 | 0.40- 0.65 | | | |
| Vanadium (V) | 0.014 | 0.018- 0.065 | | | |
| Molybdenum (Mo) | 0.032 | 0.020- 0.050 | | | |
| Boron (B) | 0.38 | 0.25- 1.5 | | | |
| Iodine (I) | 4.3 | 0.25- 1.8 | | | |
| Lithium (Li) | 0.017 | 0.007- 0.020 | | | |
| Phosphorus (P) | 163 | 150- 220 | | | |
| Selenium (Se) | 0.87 | 0.55- 1.1 | | | |
| Strontium (Sr) | 1.6 | 0.50- 7.6 | | | |
| Sulfur (S) | 48600 | 44000- 50000 | | | |
| Cobalt (Co) | 0.008 | 0.005- 0.040 | | | |
| Iron (Fe) | 35 | 7.0- 16 | | | |
| Germanium (Ge) | 0.029 | 0.030- 0.040 | | | |
| Rubidium (Rb) | 0.015 | 0.007- 0.096 | | | |
| Zirconium (Zr) | 0.33 | 0.020- 0.42 | | | |

| SPECIMEN DATA | | RATIOS | | |
|----------------------------|----------------------|----------|--------|---------|
| COMMENTS: | | ELEMENTS | RATIOS | RANGE |
| Date Collected: 11/13/2012 | Sample Size: 0.176 g | Ca/Mg | 4.66 | 4- 30 |
| Date Received: 11/17/2012 | Sample Type: Head | Ca/P | 5.43 | 1- 12 |
| Date Completed: 11/20/2012 | Hair Color: | Na/K | 21.2 | 0.5- 10 |
| Methodology: ICP/MS | Treatment: | Zn/Cu | 16.7 | 4- 20 |
| | Shampoo: | Zn/Cd | > 999 | > 800 |

Health history for hair test 689

Current symptoms: low heart rate/blood pressure, dizziness, cerebellum disorders, back pain, inflammation, sensitivity to light, gut pain/inflammation, constipation, hiatal hernia.

I was diagnosed with Lyme Disease, Mycoplasmosis, Anaplasmosis, Histoplasmosis, Q Fever, Candida Albicans, and Epstein Barr Virus. I also have liver genetic defects that make me unable to detox heavy metals and I got way worse after I got a vaccine 2 years ago.

I am female, 28 years old, 5 ft 7 in.

I weigh 105lbs and live in Fergus Falls, MN.

I recently crashed and my immune system is really weak and I've lost a lot of weight. I'm afraid I'm too late. My low heart rate/blood flow is really really scary so I don't know if that means I'm just extremely weak or what.