

HAIR ELEMENTS



LAB#: H090402-0036-1

PATIENT: [REDACTED]

ID: [REDACTED]

SEX: Male

AGE: 1

CLIENT#: [REDACTED]

DOCTOR: Anna Davis, MD

Direct Laboratory Services

4040 Florida St Ste 202

Mandeville, LA 70448

POTENTIALLY TOXIC ELEMENTS

TOXIC ELEMENTS	RESULT µg/g	REFERENCE RANGE	PERCENTILE	
			68 th	95 th
Aluminum	8.2	< 8.0	[Bar chart]	[Bar chart]
Antimony	0.060	< 0.066	[Bar chart]	[Bar chart]
Arsenic	0.050	< 0.080	[Bar chart]	[Bar chart]
Barium	0.16	< 0.50	[Bar chart]	[Bar chart]
Beryllium	< 0.01	< 0.020	[Bar chart]	[Bar chart]
Bismuth	0.027	< 2.0	[Bar chart]	[Bar chart]
Cadmium	0.058	< 0.070	[Bar chart]	[Bar chart]
Lead	0.96	< 1.0	[Bar chart]	[Bar chart]
Mercury	< 0.03	< 0.40	[Bar chart]	[Bar chart]
Platinum	< 0.003	< 0.005	[Bar chart]	[Bar chart]
Thallium	< 0.001	< 0.002	[Bar chart]	[Bar chart]
Thorium	0.001	< 0.002	[Bar chart]	[Bar chart]
Uranium	0.003	< 0.060	[Bar chart]	[Bar chart]
Nickel	0.13	< 0.20	[Bar chart]	[Bar chart]
Silver	0.06	< 0.20	[Bar chart]	[Bar chart]
Tin	0.18	< 0.30	[Bar chart]	[Bar chart]
Titanium	0.59	< 1.0	[Bar chart]	[Bar chart]
Total Toxic Representation			[Bar chart]	[Bar chart]

ESSENTIAL AND OTHER ELEMENTS

ELEMENTS	RESULT µg/g	REFERENCE RANGE	PERCENTILE				
			2.5 th	16 th	50 th	84 th	97.5 th
Calcium	127	125- 370	[Bar chart]	[Bar chart]	[Bar chart]	[Bar chart]	[Bar chart]
Magnesium	39	12- 30	[Bar chart]	[Bar chart]	[Bar chart]	[Bar chart]	[Bar chart]
Sodium	10	20- 200	[Bar chart]	[Bar chart]	[Bar chart]	[Bar chart]	[Bar chart]
Potassium	21	12- 200	[Bar chart]	[Bar chart]	[Bar chart]	[Bar chart]	[Bar chart]
Copper	8.1	11- 18	[Bar chart]	[Bar chart]	[Bar chart]	[Bar chart]	[Bar chart]
Zinc	100	100- 190	[Bar chart]	[Bar chart]	[Bar chart]	[Bar chart]	[Bar chart]
Manganese	0.28	0.10- 0.50	[Bar chart]	[Bar chart]	[Bar chart]	[Bar chart]	[Bar chart]
Chromium	0.53	0.43- 0.80	[Bar chart]	[Bar chart]	[Bar chart]	[Bar chart]	[Bar chart]
Vanadium	0.055	0.030- 0.10	[Bar chart]	[Bar chart]	[Bar chart]	[Bar chart]	[Bar chart]
Molybdenum	0.030	0.050- 0.13	[Bar chart]	[Bar chart]	[Bar chart]	[Bar chart]	[Bar chart]
Boron	4.0	0.70- 5.0	[Bar chart]	[Bar chart]	[Bar chart]	[Bar chart]	[Bar chart]
Iodine	0.93	0.25- 1.3	[Bar chart]	[Bar chart]	[Bar chart]	[Bar chart]	[Bar chart]
Lithium	< 0.004	0.007- 0.020	[Bar chart]	[Bar chart]	[Bar chart]	[Bar chart]	[Bar chart]
Phosphorus	144	150- 220	[Bar chart]	[Bar chart]	[Bar chart]	[Bar chart]	[Bar chart]
Selenium	0.99	0.70- 1.1	[Bar chart]	[Bar chart]	[Bar chart]	[Bar chart]	[Bar chart]
Strontium	0.06	0.16- 1.0	[Bar chart]	[Bar chart]	[Bar chart]	[Bar chart]	[Bar chart]
Sulfur	50900	45500- 53000	[Bar chart]	[Bar chart]	[Bar chart]	[Bar chart]	[Bar chart]
Cobalt	0.006	0.004- 0.020	[Bar chart]	[Bar chart]	[Bar chart]	[Bar chart]	[Bar chart]
Iron	17	7.0- 16	[Bar chart]	[Bar chart]	[Bar chart]	[Bar chart]	[Bar chart]
Germanium	0.027	0.030- 0.040	[Bar chart]	[Bar chart]	[Bar chart]	[Bar chart]	[Bar chart]
Rubidium	0.026	0.016- 0.18	[Bar chart]	[Bar chart]	[Bar chart]	[Bar chart]	[Bar chart]
Zirconium	0.15	0.040- 1.0	[Bar chart]	[Bar chart]	[Bar chart]	[Bar chart]	[Bar chart]

SPECIMEN DATA

COMMENTS:

Date Collected: **3/30/2009**

Date Received: **4/2/2009**

Date Completed: **4/3/2009**

Client Reference:

Methodology: **ICP-MS**

Sample Size: **0.197 g**

Sample Type: **Head**

Hair Color: **Red**

Treatment:

Shampoo: **Dr Broomers**

V010.08

RATIOS

ELEMENTS	RATIOS	EXPECTED RANGE
Ca/Mg	3.26	4- 30
Ca/P	0.882	0.8- 8
Na/K	0.476	0.5- 10
Zn/Cu	12.3	4- 20
Zn/Cd	> 999	> 800

Health history for hair test 274

1) What are your current symptoms and health history?

Food sensitivities

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

None

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

None

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

Before pregnancy - 2 amalgams

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

None

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

Cod liver oil - 1/8 tsp, 1x/day

Epsom salt baths - 3-4x/week (about 1 c. salt per bath)

7) What is your age, height and weight?

1 year, 29 in. 26 lbs.

8) Other information you feel may be relevant?

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

Portland, Oregon, USA