

# HAIR ELEMENTS



**PATIENT:** 106  
**SEX:** Male  
**AGE:** 45

POTENTIALLY TOXIC ELEMENTS				
TOXIC ELEMENTS	RESULT $\mu\text{g/g}$	REFERENCE RANGE	PERCENTILE	
			68 <sup>th</sup>	95 <sup>th</sup>
Aluminum	1.9	< 7.0		
Antimony	0.014	< 0.066		
Arsenic	0.042	< 0.080		
Beryllium	< 0.01	< 0.020		
Bismuth	0.014	< 2.0		
Cadmium	< 0.009	< 0.15		
Lead	0.08	< 2.0		
Mercury	< 0.03	< 1.1		
Platinum	< 0.003	< 0.005		
Thallium	< 0.001	< 0.010		
Thorium	< 0.001	< 0.005		
Uranium	0.006	< 0.060		
Nickel	0.10	< 0.40		
Silver	< 0.006	< 0.12		
Tin	0.05	< 0.30		
Titanium	0.66	< 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	305	200- 750					
Magnesium	44	25- 75					
Sodium	64	12- 90					
Potassium	23	9- 40					
Copper	14	10- 28					
Zinc	170	130- 200					
Manganese	0.11	0.15- 0.65					
Chromium	0.74	0.20- 0.40					
Vanadium	0.073	0.018- 0.065					
Molybdenum	0.046	0.025- 0.064					
Boron	1.2	0.40- 3.0					
Iodine	1.3	0.25- 1.3					
Lithium	0.015	0.007- 0.023					
Phosphorus	204	160- 250					
Selenium	1.4	0.95- 1.7					
Strontium	0.19	0.30- 3.5					
Sulfur	45100	44500- 52000					
Barium	0.07	0.16- 1.6					
Cobalt	0.004	0.013- 0.035					
Iron	7.5	5.4- 13					
Germanium	0.025	0.045- 0.065					
Rubidium	0.034	0.011- 0.12					
Zirconium	0.051	0.020- 0.44					

SPECIMEN DATA				RATIOS		
<b>COMMENTS:</b>				<b>ELEMENTS</b>	<b>RATIOS</b>	<b>EXPECTED RANGE</b>
Date Collected:	8/19/2007	Sample Size:	0.2 g	Ca/Mg	6.93	4- 30
Date Received:	8/22/2007	Sample Type:	Head	Ca/P	1.5	0.8- 8
Date Completed:	8/28/2007	Hair Color:	Brown	Na/K	2.78	0.5- 10
		Treatment:		Zn/Cu	12.1	4- 20
Methodology:	ICP-MS	Shampoo:	Pert	Zn/Cd	> 999	> 800

V06.99

# EndoScreen™ Research

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Medical

Practitioner

MONIQUE WELLS HARRIS MD FACE

Note: EndoScreen™ is for research purposes only. We make no recommendations for treatment or diagnosis.

PATIENT

DOB:

03/26/62

PAT ID:

Sex

Lab

Date Collected

Date Received

Date Reported

45 M 26492 03/26/07 03/30/07 04/17/07

ABNORMAL	TEST	RESULT	UNITS	NORMAL RANGE
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Cortisol (NEW RANGES 3/07)

3.26	8AM	3.26	ng/ml	3.5 - 6.3
3.00	Noon	3.00	ng/ml	1.4 - 2.8
2.42	4PM	2.42	ng/ml	0.8 - 2.4
	8PM	0.93	ng/ml	0.6 - 1.6
1.41	Midnight	1.41	ng/ml	0.2 - 1.3
1.89	4AM	1.89	ng/ml	0.3 - 1.7

DHEA-Sulfate Panel

2.0	8AM	2.0	ng/ml	2.8 - 12.7
	8PM	3.0	ng/ml	2.7 - 9.0
	Midnight	3.9	ng/ml	1.8 - 8.1

TESTOSTERONE MALE PNL

	8AM	82.4	pg/ml	80.0 - 500.0
	Noon	81.9	pg/ml	80.0 - 500.0
	8PM	80.2	pg/ml	80.0 - 500.0
	Midnight	80.2	pg/ml	80.0 - 500.0

	Estradiol - Male	1.9	pg/ml	0.5 - 3.0
	Progesterone - Male	52	pg/ml	5 - 65

