

Analysis report

Name : First name :
D.o.b. : Sex :
Pat. No. : Applicant : John Arango, ND
Institute :
Depart. :



Applicant Arango
Appoint. date
Appoint. time
Appoint. No.

		Unit	Ref. Range
DERIVATES			
S-Adenosylmethionine (RBC)*	217	μmol/dl	221 - 256
S-Adenosylhomocysteine (RBC)*	48.7	μmol/dl	38.0 - 49.0
FOLIC ACID DERIVATES			
5-CH3-THF*	7.9	nmol/l	8.4 - 72.6
10-Formyl-THF*	2.9	nmol/l	1.5 - 8.2
5-Formyl-THF*	1.00	nmol/l	1.20 - 11.70
THF*	0.51	nmol/l	0.60 - 6.80
Folic Acid (LCMSMS)*	8.6	nmol/l	8.9 - 24.6
Folinic Acid (WB)*	7.0	nmol/l	9.0 - 35.5
Active folate (RBC)*	330	nmol/l	400 - 1500
ELEMENTS IN HAIR			
Calcium	198	ppm	200 - 2000
Magnesium	10	ppm	25 - 150
Zinc	61	ppm	140 - 240
Copper	9	ppm	12 - 60
Manganese	0.24	ppm	0.15 - 2.30
Selenium	0.62	ppm	0.40 - 2.00
Chromium	0.15	ppm	0.15 - 1.40
Sulphur	45880	ppm	40000 - 60000
Phosfor	167	ppm	90 - 180
Iron	15.9	ppm	5.0 - 15.0
Sodium	116	ppm	18 - 90
Potassium	66	ppm	15 - 45
Vanadium	21	ppb	9 - 80
Molybdenium	0.05	ppm	0.05 - 0.15
Iodine	8.0	ppm	2.5 - 13.0

 = Outside reference range | = Extreme | * = **for research only**

Continued on page 2

Analysis report

Name : First name :
D.o.b. : Sex :
Pat. No. : Applicant : John Arango, ND
Institute :
Depart. :



Applicant Arango
Appoint. date
Appoint. time
Appoint. No.

Unit Ref. Range

ELEMENTS IN HAIR (continued from page 1)

Lithium	0.006	ppm	0.070 - 0.500
TOXIC ELEMENTS			
Aluminum	5.0	ppm	< 10.0
Antimony	0.13	ppm	<= 0.30
Arsenic	0.05	ppm	<= 0.50
Beryllium	<0.01	ppm	< 0.02
Bismuth	<0.02	ppm	< 2.00
Bromine	2.4	ppm	< 10.0
Cadmium	0.01	ppm	<= 0.50
Cobalt	<0.02	ppm	< 0.05
Gold	<0.6	ppm	<= 0.6
Mercury	0.2	ppm	<= 2.0
Lead	1.92	ppm	<= 7.00
Platinum	<0.01	ppm	<= 0.01
Nickel	0.2	ppm	<= 2.1
Silver	0.45	ppm	<= 1.90
Tin	0.1	ppm	< 0.4
Thallium	<0.02	ppm	<= 0.03
RATIOS			
Calcium/Magnesium	20.6	ratio	5.0 - 18.0
Calcium/Potassium	3.0	ratio	>= 4.0
Calcium/Phosphorus	1.2	ratio	>= 2.5
Mercury/Selenium	0.3	ratio	<= 2.0
Sodium/Magnesium	12.1	ratio	>= 1.0
Sodium/Potassium	1.8	ratio	>= 1.0
Zinc/Copper	6.6	ratio	4.0 - 10.0

Outside reference range | Extreme | * = for research only

Continued on page 3

Analysis report

Name : First name :
D.o.b. : Sex :
Pat. No. : Applicant : John Arango, ND
Institute :
Depart. :



Applicant Arango
Appoint. date
Appoint. time
Appoint. No.

Unit Ref. Range

ELEMENTS IN HAIR (continued from page 2)

Zinc/Cadmium	>2000	ratio	>= 400
--------------	-------	-------	--------

NUCLEOSIDE

Adenosine*	21.9	10 ⁻⁸ M	16.8 - 21.4
------------	------	--------------------	-------------

AMINOACIDS IN PLASMA

Glutathione (oxidised)*	0.51	μmol/L	0.16 - 0.50
-------------------------	------	--------	-------------

Glutathione (reduced)*	3.2	μmol/L	3.8 - 5.5
------------------------	-----	--------	-----------