

EUROPEES LABORATORIUM
VOOR NUTRIENTEN
EUROPEAN LABORATORY
OF NUTRIENTS

HEALTH DIAGNOSTICS AND
RESEARCH INSTITUTE

Regulierenring 9, 3981 LA Bunnik
Postbus 10, 3980 CA Bunnik
The Netherlands

Tel.: 31-(0)30-2871492
Fax: 31-(0)30-2802688

Vitamin Diagnostics, Inc.
540 Bordentown Ave.
Suite 2300
South Amboy, NJ 08879
Tel: 732-721-1234
Fax: 732-525-3288

Received: _____
Seen by PA: _____
Pl. Notified in Office: _____
By Phone: _____
By Letter: Copy in chart
Courtesy Copy Only: _____

Owen Howell, PA-C
150 Main Road
Islesboro, ME 04848

Page 1

Analysis report

Date of print: 10/13/2014 08:49 AM

Name : Burgess
D.o.b. : 06/14/1994
Pat. No. : 122205
Institute : Islesboro Health Center
Depart. :

First name : Oscar
Sex : Male
Applicant : Owen Howell, PA-C



Applicant
Appoint. date
Appoint. time
Appoint. No.

O.Howell
8/19/14
10:11 AM
192120

Unit Ref. Range

AMINOACIDS IN PLASMA

Glutathione (oxidised)
Glutathione (reduced)

0.54	μmol/L	0.16 - 0.50
3.0	μmol/L	3.8 - 5.5

VITAMINS

Free carnitin
Acyl carnitin
Total carnitin
Lipoic Acid
Coenzyme Q10
Vitamin D3 (25OH)
Vitamin A
Total carotene
Thiamine (B1)
Riboflavin
Niacin (B3)
Panthothenic acid (B5)
Vitamin B6 act (P-5-P)
Folic acid
Vitamin B12
Vitamin C (tested at H.D.R.I.)
Vitamin E
Biotin (B7)

6.8	mg/l	7.0 - 17.0
1.3	mg/l	0.9 - 2.3
8.1	mg/l	7.9 - 19.3
2.6	μg/l	2.1 - 5.5
1.5	mg/l	0.6 - 1.2
18.3	μg/l	32.8 - 86.8
48	μg%	25 - 75
275	μg%	80 - 300
64 i	μg/l	25 - 75
271	μg/l	100 - 500
9.6	mg/l	4.3 - 7.4
931	μg/l	200 - 1000
149	μg/l	12 - 30
11.3	μg/l	5.0 - 24.0
1995	ng/l	115 - 800
0.2	mg%	0.9 - 2.9
1.3	mg%	0.6 - 1.2
278	ng/l	200 - 500

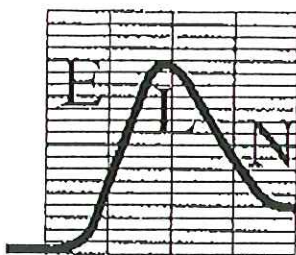
VITAMINS (MOL/L)

Free Carnitin
Acyl Carnitin
Total Carnitin
Carnitin acyl/total

42.0	μmol/L	43.4 - 105.5
8.0	μmol/L	5.6 - 14.3
50.0	μmol/L	49.0 - 119.7
0.16	-	0.12 - 0.30

□ = Outside reference range | ■ = Extreme | **bold** = New result

Continued on page 2



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1 2 2 2 0 5

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Unit Ref. Range

VITAMINS (MOL/L) (continued from page 1)

Vitamin K1	494	ng/l	400 - 1200
Vitamin D3 (25OH)	45.7	nmol/l	82.0 - 217.0

DERIVATES

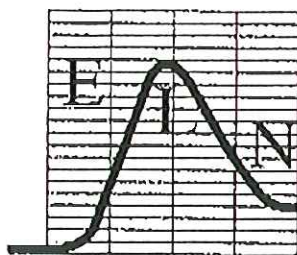
S-Adenosylmethionine (RBC)	211	μmol/dl	221 - 256
S-Adenosylhomocysteine (RBC)	53.1	μmol/dl	38.0 - 49.0

FOLIC ACID DERIVATES

5-CH3-THF	7.6	nmol/l	8.4 - 72.6
10-Formyl-THF	1.3	nmol/l	1.5 - 8.2
5-Formyl-THF	1.00	nmol/l	1.20 - 11.70
THF	0.54	nmol/l	0.60 - 6.80
Folic Acid	9.7	nmol/l	8.9 - 24.6
Folinic Acid (WB)	8.0	nmol/l	9.0 - 35.5
Active folate (RBC)	337	nmol/l	400 - 1500

NUCLEOSIDE

Adenosine	24.3	10 ⁻⁸ M	16.8 - 21.4
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Below you will find the attachments and comment specific for this report

Appointment date: 8/19/14

• Attachment belonging to this test Thiamine (B1)

- Result is corrected as follows