

Serum Folate Assay:

Adequate Serum Folate.

In the absence of recent oral intake, a serum folate >13 nmol/L effectively rules out folate deficiency. Consider repeat fasting Folate, if there has been inadequate fasting, and clinical concern remains.

Serum Vitamin B12 Assay:

Essentially normal B12 levels, although liver disease if present may falsely elevate the level.

Methodology:

B12 and Active B12 (HoloTC) assays performed on Siemens Atellica analyser.

For Doctor clinical enquiries, please contact Dr Peter Davidson 07 3121 4444.

Patients should contact their referring doctor in regard to this result.

CUMULATIVE ERYTHROCYTE SEDIMENTATION RATE

Date	30/06/23	16/12/23
Time	07:30	00:00
Lab No	72451908	74476361
ESR	13	10 (1-20)

CUMULATIVE SERUM VITAMIN D

Date	09/08/22	14/12/22	30/06/23	16/12/23
Time	11:30	09:00	07:30	00:00
Lab No	70795934	71461438	72451908	74476361
Vitamin D3	80	59	58	61 nmol/L (> 49)

74476361

** Progress report.

We occasionally see evidence of functional vitamin deficiency and possibly accelerated bone loss with levels in the range of 50-70 nmol/L.

CUMULATIVE FULL BLOOD EXAMINATION

Date	14/12/22	30/06/23	21/08/23	16/12/23
Time	09:00	07:30	13:50	00:00
Lab No	71461438	72451908	72188880	74476361
Hb	147	141	135	142 g/L (115-160)
RCC	4.7	4.6	4.4	4.6 x10 ¹² /L (3.6-5.2)
Hct	0.44	0.43	0.41	0.44 (0.33-0.46)
MCV	94	94	93	95 fL (80-98)
MCH	31	31	31	31 pg (27-35)
Plats	165	131	161	163 x10 ⁹ /L (150-450)
WCC	5.4	5.1	6.9	4.7 x10 ⁹ /L (4.0-11.0)
Neuts	2.6	2.7	3.5	2.4 x10 ⁹ /L (2.0-7.5)
Lymphs	2.2	1.9	2.8	1.9 x10 ⁹ /L (1.1-4.0)
Monos	0.3	0.3	0.4	0.3 x10 ⁹ /L (0.2-1.0)
Eos	0.22	0.20	0.21	3 % 0.14 x10 ⁹ /L (0.04-0.40)
Basos	0.05	0.05	0.07	1 % 0.05 x10 ⁹ /L (< 0.21)

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Automated Comment:

As per ISLH guidelines - Film not reviewed. If a film review is truly indicated, contact the laboratory within 24 hours of collection. Otherwise investigate any highlighted abnormalities as clinically appropriate.

All haematology parameters are within normal limits for age and sex.

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Chloride	103	101	104	104	106	mmol/L (96-109)
Bicarb	27	26	23	23	24	mmol/L (25-33)
An.Gap	12	12	15	17	13	mmol/L (4-17)
Gluc	4.8	5.8	5.4	6.2	5.3	mmol/L (3.0-6.0)
Urea	3.3	3.9	2.4	3.8	3.8	mmol/L (2.0-7.0)
Creat	55	65	61	58	69	umol/L (40-110)
eGFR	> 90	> 90	> 90	> 90	> 90	mL/min (over 59)
Urate	0.32	0.33	0.30	0.28	0.35	mmol/L (0.14-0.35)
T.Bili	11	12	9	6	12	umol/L (2-20)
Alk.P	51	47	50	50	46	U/L (30-115)
GGT	55	50	35	35	38	U/L (0-45)
ALT	48	45	21	20	24	U/L (0-45)
AST	34	35	19	20	24	U/L (0-41)
LD	186	178	153	171	156	U/L (80-250)
Calcium	2.34	2.41	2.34	2.40	2.28	mmol/L (2.15-2.60)
Corr.Ca	2.30	2.34	2.25	2.33	2.19	mmol/L (2.15-2.60)
Phos	1.2	1.2	1.2	1.3	1.2	mmol/L (0.8-1.5)
T.Prot	68	69	68	70	68	g/L (60-82)
Alb	44	45	46	45	46	g/L (35-50)
Glob	24	24	22	25	22	g/L (20-40)
Chol	5.1	3.7	3.9	4.5	4.5	mmol/L (3.6-6.7)
Trig	2.8	2.4	1.5	4.4	1.8	mmol/L (0.3-2.2)
Lab No	70795934	71461438	72451908	72188880	74476361	
Date	09/08/22	14/12/22	30/06/23	21/08/23	16/12/23	

Tests Completed: TSH, FREE T4, FREE T3, IRON STUDIES, FBC, SERUM FOLATE
 Tests Completed: SERUM VITAMIN B12, SE E/LFT, SE VIT D, SE HDL, SE C-REACTIVE PROTEIN
 Tests Completed: ESR
 Tests Pending : RT3

Start Patient : STOCKI, AMANDA ANA
 4 SCHOONER CT, BURLEIGH QLD 4220
 Birthdate: 19/11/1986 Age: Y37 Sex: F
 Telephone: 0478710099

Your Reference :
 QML Reference : 23-74476361
 Medicare Number: 4324854866
 Phone Enquiries: (07) 3121 4555

Referred By : LEE, DR. MARK
 Addressee : LEE, DR. MARK 0493463L
 Lab. Reference: 23-74476361-HDL-0
 Requested: Friday, 15 December 2023
 Performed: Saturday, 16 December 2023
 Test name: HDL CHOLESTEROL, SERUM
 Provider name: QML Pathology

CUMULATIVE LIPID RISK REPORT

Date	09/08/22	14/12/22	30/06/23	16/12/23	
Time	11:30	09:00	07:30	00:00	
Lab No	70795934	71461438	72451908	74476361	
	FASTING	FASTING	FASTING	FASTING	
					Target if HIGH RISK
Total Cholesterol	5.1	3.7	3.9	4.5	mmol/L (below 4.0)
Triglycerides	2.8	2.4	1.5	1.8	mmol/L (below 2.0)
CHOLESTEROL FRACTIONS					
HDL	1.27	1.45	1.44	1.63	mmol/L (above 1.0)
LDL (calculated)*	2.56	1.16	1.78	2.05	mmol/L (below 2.5)
Non-HDL cholesterol	3.83	2.25	2.46	2.87	mmol/L (below 3.3)
Total/HDL ratio**	4.0	2.6	2.7	2.8	

* Secondary prevention LDL and non-HDL cholesterol targets are lower.
 ** The ratio is for use with the cardiovascular risk calculator.

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Web-search: "Australian cardiovascular risk calculator"

74476361 Treatment is recommended if clinically indicated or if calculated risk exceeds 15% absolute risk of CVD events over 5 years.

NVDPA 2012 Target ranges refer to HIGH RISK PATIENTS.

As of 7/3/22 LDL will no longer be measured routinely. LDL results will be calculated, in accordance with National harmonisation.

Tests Completed: TSH, FREE T4, FREE T3, IRON STUDIES, FBC, SERUM FOLATE
Tests Completed: SERUM VITAMIN B12, SE E/LFT, SE VIT D, SE HDL, SE C-REACTIVE PROTEIN
Tests Completed: ESR
Tests Pending : RT3

Start Patient : STOCKI, AMANDA ANA
4 SCHOONER CT, BURLEIGH QLD 4220
Birthdate: 19/11/1986 Age: Y37 Sex: F
Telephone: 0478710099

Your Reference :
QML Reference : 23-74476361
Medicare Number: 4324854866
Phone Enquiries: (07) 3121 4555

Referred By : LEE, DR. MARK
Addressee : LEE, DR. MARK 0493463L
Lab. Reference: 23-74476361-ISM-0
Requested: Friday, 15 December 2023
Performed: Saturday, 16 December 2023
Test name: MASTER IRON STUDIES
Provider name: QML Pathology

IRON STUDIES

Serum Iron	25	umol/L	(10-33)
Transferrin IBC	59	umol/L	(45-70)
Transferrin Saturation	42	%	(16-50)
Serum Ferritin Assay	81	ug/L	(25-290)

CUMULATIVE SERUM THYROID FUNCTION TESTS

Date	26/04/22	14/12/22	30/06/23	16/12/23	
Time	11:15	09:00	07:30	00:00	
Lab No	69821919	71461438	72451908	74476361	
TSH	2.7	2.4	2.2	3.0	mIU/L (0.50-4.00)
free T4	16	15	19	18	pmol/L (10-20)
free T3	5.4	5.1	4.7	4.1	pmol/L (2.8-6.8)
Thyroglobulin AbII	< 1.3				IU/mL (< 4.6)
Thy. Peroxidase Ab	46				IU/mL (< 60)

Euthyroid level.

Serum Vitamin B12 Assay	490	pmol/L	(162-811)
Serum Folate Assay	46.4	nmol/L	(8.4-55.0)

Comment:

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Start Patient : STOCKI, AMANDA ANA
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Telephone: 0478710099

Your Reference :
QML Reference : 23-74476361
Medicare Number: 4324854866
Phone Enquiries: (07) 3121 4555

Referred By : LEE, DR. MARK
Addressee : LEE, DR. MARK 0493463L
Lab. Reference: 23-74476361-CRP-0
Requested: Friday, 15 December 2023
Performed: Saturday, 16 December 2023
Test name: C REACTIVE PROTEIN
Provider name: QML Pathology

CUMULATIVE SERUM C-REACTIVE PROTEIN (CRP)
Date 30/06/23 16/12/23
Time 07:30 00:00
Lab No 72451908 74476361

CRP < 5 < 5 mg/L(0-6)

C-reactive protein (CRP) is a non-specific indicator of tissue damage.
The level rises rapidly (within 6-10 hours) after tissue injury, peaks at 48-72 hours and returns to normal within a few days. Common causes of markedly increased CRP include infection (particularly bacterial), trauma, surgery, myocardial infarction, many malignancies and inflammatory disorders.

Tests Completed: TSH, FREE T4, FREE T3, IRON STUDIES, FBC, SERUM FOLATE
Tests Completed: SERUM VITAMIN B12, SE E/LFT, SE VIT D, SE HDL, SE C-REACTIVE PROTEIN
Tests Completed: ESR
Tests Pending : RT3

Start Patient : STOCKI, AMANDA ANA
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Birthdate: 19/11/1986 Age: Y37 Sex: F
Telephone: 0478710099

Your Reference :
QML Reference : 23-74476361
Medicare Number: 4324854866
Phone Enquiries: (07) 3121 4555

Referred By : LEE, DR. MARK
Addressee : LEE, DR. MARK 0493463L
Lab. Reference: 23-74476361-25T-0
Requested: Friday, 15 December 2023
Performed: Saturday, 16 December 2023
Test name: E/LFT (MASTER)
Provider name: QML Pathology

CUMULATIVE SERUM BIOCHEMISTRY
Date 09/08/22 14/12/22 30/06/23 21/08/23 16/12/23
Time 11:30 09:00 07:30 13:50 00:00
Lab No 70795934 71461438 72451908 72188880 74476361
FASTING FASTING FASTING RANDOM FASTING
Sodium 138 135 138 140 139 mmol/L (137-147)
Potass. 4.1 4.4 4.4 4.2 4.4 mmol/L (3.5-5.0)