

Grantham Street General Practice

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Samantha Lawrence Office Manager
Susan Power Practice Nurse
Nathan Angel Practice Nurse
Dr Jenny Lloyd Psychologist
Ian Lomas Physiotherapist

12/12/2023

Dear Tahlia,

The results of your recent tests are as follows:

CREMA, TAHLIA
26 MILLER ST, FITZROY. 3065
Phone: 0421662184
Birthdate: 07/02/1987 **Sex:** F **Medicare Number:** 3395160819
Your Reference: 967708013 **Lab Reference:** 967708013-C-C010
Laboratory: Melbourne Pathology
Addressee: DR LI-HSIA NEOH **Referred by:** DR LI-HSIA NEOH
Name of Test: SE-IRON STUDIES
Requested: 06/12/2023 **Collected:** 07/12/2023 **Reported:** 09/12/2023 05:25

Date	23/05/23	29/08/23	07/12/23		
Time F-Fast	0819 F	0822 F	0923 F		
Lab Id.	394945220	395259456	967708013	Units	Reference
S IRON	17	14	21	umol/L	(5-30)
S TRF	2.2	2.4	2.4	g/L	(2.0-3.6)
S TRF SAT	31	23	35	%	(10-45)
S FERRITIN	66	39	37	ng/mL	(30-200)

Dept Supervising Pathologist: Dr Andrew Carter

Melbourne Pathology NATA No.:2133

Tests Completed: IS,FLS,ROCHEfT4,TSH,EUC,LFT,GF,CRP,VITD,B12,MG,CFT,
FSH,LH,ODIOL,FBE,ESR

Tests Pending : ANA,ZN*

Sample Pending :

CREMA, TAHLIA
26 MILLER ST, FITZROY. 3065
Phone: 0421662184
Birthdate: 07/02/1987 **Sex:** F **Medicare Number:** 3395160819
Your Reference: 967708013 **Lab Reference:** 967708013-C-C012
Laboratory: Melbourne Pathology
Addressee: DR LI-HSIA NEOH **Referred by:** DR LI-HSIA NEOH

Name of Test: SE-LIPID - HDL/LDL

Requested: 06/12/2023 Collected: 07/12/2023 Reported: 09/12/2023 05:25

Date	07/09/22	03/11/22	09/02/23	07/12/23		
Time F-Fast	0939 F	0856 F	0925 F	0923 F		
Lab Id.	393101127	393370064	394512896	967708013	Units	Reference
S CHOL	5.1	4.6	4.8	4.5	mmol/L	(3.5-5.5)
S TRIG	0.6	0.7	0.5	0.6	mmol/L	(<1.5)
S HDL-CHOL	1.74	1.70	1.74	1.81	mmol/L	(>1.20)
S LDL-CHOL	3.1	2.6	2.8	2.4	mmol/L	(<3.5)
S CHOL/HDL	2.9	2.7	2.8	2.5		(<4.5)
S Non HDL	3.4	2.9	3.1	2.7	mmol/L	(<3.9)

Comments on Collection 07/12/23 0923 F:

FLS

LIPID TARGET LEVELS:

The treatment target levels for people at high risk of cardiovascular disease are:

Total Cholesterol <4.0 mmol/L
Fasting Triglycerides <2.0 mmol/L
HDL-Cholesterol >1.00 mmol/L
LDL-Cholesterol <2.5 mmol/L (<1.8 mmol/L if very high risk)
Non-HDL Cholesterol <3.3 mmol/L (<2.5 mmol/L if very high risk)

Source: AACB Harmonised Lipid Reporting Guideline - 2018.

Risk Calculator available at www.cvdcheck.org.au

Dept Supervising Pathologist: Dr Andrew Carter

Melbourne Pathology NATA No.:2133

Tests Completed: IS,FLS,ROCHEFT4,TSH,EUC,LFT,GF,CRP,VITD,B12,MG,CFT,
FSH,LH,ODIOL,FBE,ESR

Tests Pending : ANA,ZN*

Sample Pending :

CREMA, TAHLIA
26 MILLER ST, FITZROY. 3065
Phone: 0421662184
Birthdate: 07/02/1987 Sex: F Medicare Number: 3395160819
Your Reference: 967708013 Lab Reference: 967708013-C-C187
Laboratory: Melbourne Pathology
Addressee: DR LI-HSIA NEOH Referred by: DR LI-HSIA NEOH

Name of Test: SE-THYROID VIRTUAL

Requested: 06/12/2023 Collected: 07/12/2023 Reported: 09/12/2023 05:25

THYROID FUNCTION TESTS - Serum

Date	18/03/22	09/12/22	23/05/23	07/12/23		
Time F-Fast	1634	1224	0819 F	0923 F		
Lab Id.	378805553	387093072	394945220	967708013	Units	Reference
S TSH(Roche)	0.47 L	0.85	0.73	0.61	mU/L	(0.5-5.0)
S FT4(Roche)	15.6	14.7	15.4	17.4	pmol/L	(11.0-22.0)
S FT3(Roche)	4.1	4.3	5.0		pmol/L	(3.1-6.4)

Comments on Collection 07/12/23 0923 F:

TSH

A normal TSH is consistent with an euthyroid state.

Dept Supervising Pathologist: Dr Andrew Carter

Melbourne Pathology NATA No.:2133

Tests Completed: IS,FLS,ROCHEFT4,TSH,EUC,LFT,GF,CRP,VITD,B12,MG,CFT,
FSH,LH,ODIOL,FBE,ESR

Tests Pending : ANA,ZN*

Sample Pending :

CREMA, TAHLIA
26 MILLER ST, FITZROY. 3065
Phone: 0421662184
Birthdate: 07/02/1987 Sex: F Medicare Number: 3395160819
Your Reference: 967708013 Lab Reference: 967708013-C-C950
Laboratory: Melbourne Pathology
Addressee: DR LI-HSIA NEOH Referred by: DR LI-HSIA NEOH

Name of Test: SE- CHEMISTRY

Requested: 06/12/2023 Collected: 07/12/2023 Reported: 09/12/2023 05:25

MULTIPLE BIOCHEMICAL ANALYSIS - Serum

Date	29/08/23	07/12/23		
Time F-Fast	0822 F	0923 F		
Lab Id.	395259456	967708013	Units	Reference
S SODIUM	139	138	mmol/L	(135-145)
S POTASSIUM	4.2	4.0	mmol/L	(3.5-5.5)
S CHLORIDE	101	100	mmol/L	(95-110)
S BICARB	28	26	mmol/L	(20-32)
S UREA	4.0	2.6	mmol/L	(2.5-7.0)
S CREAT	56	61	umol/L	(45-85)
eGFR	>90	>90		(>59)
S T-BIL	14	21 H	umol/L	(3-15)
S ALP	60	61	U/L	(20-105)
S GGT	13	10	U/L	(5-35)
S ALT	13	14	U/L	(5-30)
S AST	18	21	U/L	(10-35)
S T-PROTEIN	71	75	g/L	(64-81)
S ALBUMIN	41	45	g/L	(33-46)
S GLOBULIN	30	30	g/L	(23-41)
S MAGNESIUM		0.96	mmol/L	(0.70-1.10)
S GLU (Fast)		4.5	mmol/L	(3.6-6.0)

Comments on Collection 07/12/23 0923 F:

EUC

eGFR is greater than 90 mL/min/1.73m2. No evidence of kidney disease.

Dept Supervising Pathologist: Dr Andrew Carter

Melbourne Pathology NATA No.:2133

Tests Completed: IS,FLS,ROCHEFT4,TSH,EUC,LFT,GF,CRP,VITD,B12,MG,CFT,
FSH,LH,ODIOL,FBE,ESR

Tests Pending : ANA,ZN*

Sample Pending :

CREMA, TAHLIA
26 MILLER ST, FITZROY. 3065
Phone: 0421662184
Birthdate: 07/02/1987 Sex: F Medicare Number: 3395160819
Your Reference: 967708013 Lab Reference: 967708013-C-E887
Laboratory: Melbourne Pathology
Addressee: DR LI-HSIA NEOH Referred by: DR LI-HSIA NEOH

Name of Test: SE-CRP
Requested: 06/12/2023 **Collected:** 07/12/2023 **Reported:** 09/12/2023 05:25

CRP

Date	23/05/23	09/08/23	29/08/23	07/12/23		
Time F-Fast	0819 F	N/A	0822 F	0923 F		
Lab Id.	394945220	392535094	395259456	967708013	Units	Reference
S hsCRP		1.9			mg/L	(<5)
S CRP	<1		<1	<1	mg/L	(<5)

CRP Specimen - Serum

Dept Supervising Pathologist: Dr Andrew Carter

Melbourne Pathology NATA No.:2133

Tests Completed: IS,FLS,ROCHEfT4,TSH,EUC,LFT,GF,CRP,VITD,B12,MG,CFT,
FSH,LH,ODIOL,FBE,ESR

Tests Pending : ANA,ZN*

Sample Pending :

CREMA, TAHLIA
26 MILLER ST, FITZROY. 3065
Phone: 0421662184
Birthdate: 07/02/1987 **Sex:** F **Medicare Number:** 3395160819
Your Reference: 967708013 **Lab Reference:** 967708013-C-C316
Laboratory: Melbourne Pathology
Addressee: DR LI-HSIA NEOH **Referred by:** DR LI-HSIA NEOH

Name of Test: SE-VITAMIN D
Requested: 06/12/2023 **Collected:** 07/12/2023 **Reported:** 09/12/2023 05:25

Date	23/05/23	07/12/23		
Time F-Fast	0819 F	0923 F		
Lab Id.	394945220	967708013	Units	Reference
S 25OH VIT D	88	70	nmol/L	(50-250)

Comments on Collection 07/12/23 0923 F:

VITD

Vitamin D levels should ideally be above 50 nmol/L in winter and 70 nmol/L in summer. Levels above 75 nmol/L may be desirable in people with osteoporosis or falls.

Dept Supervising Pathologist: Dr Andrew Carter

Melbourne Pathology NATA No.:2133

Tests Completed: IS,FLS,ROCHEfT4,TSH,EUC,LFT,GF,CRP,VITD,B12,MG,CFT,
FSH,LH,ODIOL,FBE,ESR

Tests Pending : ANA,ZN*

Sample Pending :

CREMA, TAHLIA
26 MILLER ST, FITZROY. 3065
Phone: 0421662184
Birthdate: 07/02/1987 **Sex:** F **Medicare Number:** 3395160819

Your Reference: 967708013 Lab Reference: 967708013-C-C329
Laboratory: Melbourne Pathology
Addressee: DR LI-HSIA NEOH Referred by: DR LI-HSIA NEOH

Name of Test: SE-B12/FOLATE VIRT
Requested: 06/12/2023 Collected: 07/12/2023 Reported: 09/12/2023 05:25

B12/FOLATE - Serum

Date	23/05/23	09/08/23	29/08/23	07/12/23		
Time F-Fast	0819 F	N/A	0822 F	0923 F		
Lab Id.	394945220	392519326	395259456	967708013	Units	Reference

S HoloTC	79		122		pmol/L	(>37)
S TOTAL B12	358	387	427	995 H	pmol/L	(200-700)

Comments on Collection 07/12/23 0923 F:
B12

High dose biotin (>5 mg/day) may artefactually increase total Vitamin B12 and Folate results obtained by this method. If the patient is taking 5-20 mg/day of biotin, suggest withhold for at least 8 hours before blood test (if taking 300 mg/day, withhold for at least 72 hours).
For clinical enquiries please contact Chemical Pathologist Dr Ken Sikaris on 9287 7720.

Dept Supervising Pathologist: Dr Andrew Carter

Melbourne Pathology NATA No.:2133

Tests Completed: IS,FLS,ROCHEfT4,TSH,EUC,LFT,GF,CRP,VITD,B12,MG,CFT,
FSH,LH,ODIOL,FBE,ESR

Tests Pending : ANA,ZN*

Sample Pending :

CREMA, TAHLIA
26 MILLER ST, FITZROY. 3065
Phone: 0421662184
Birthdate: 07/02/1987 Sex: F Medicare Number: 3395160819
Your Reference: 967708013 Lab Reference: 967708013-C-C955
Laboratory: Melbourne Pathology
Addressee: DR LI-HSIA NEOH Referred by: DR LI-HSIA NEOH

Name of Test: SE-HORMONE
Requested: 06/12/2023 Collected: 07/12/2023 Reported: 09/12/2023 05:25

HORMONES

Date	18/03/22	23/05/23	07/12/23		
Time F-Fast	1634	0819 F	0923 F		
Lab Id.	378805553	394945220	967708013	Units	Reference

S FSH	8.2		6.9	IU/L	
S LH	5.2		34	IU/L	
S PROLACTIN	200	203		mIU/L	(90-630)
S OESTRADIOL			1415	pmol/L	
S TESTO			0.6	nmol/L	(<1.8)
S SHBG			110	nmol/L	(28-150)
S cFREE TESTO			4	pmol/L	(1-34)

Comments on Collection 07/12/23 0923 F:

Reference Intervals	FSH (IU/L)	LH (IU/L)	Oestradiol (pmol/L)	Progesterone (nmol/L)
Female:				
Follicular phase	2.8 - 9.3	2.8 - 7.6	46 - 607	0.6 - 4.7

Mid cycle	3.0 - 19.2	10.5 - 85	315 - 1828	2.4 - 9.4
Luteal phase (D21)	1.7 - 7.7	1.0 - 11.4	161 - 774	5.3 - 86
Postmenopausal	31 - 153	12.0 - 75	<200	0.3 - 2.5

PLEASE NOTE: High dose biotin (>5 mg/day) may artefactually affect the hormone results. If the patient is taking 5-20 mg/day of biotin, suggest withhold for at least 8 hours before blood test (if taking 300 mg/day, withhold for at least 72 hours).

For clinical enquiries, please contact Chemical Pathologist
Dr Ken Sikaris on 9287 7720.

Dept Supervising Pathologist: Dr Andrew Carter

Melbourne Pathology NATA No.:2133

Tests Completed: IS, FLS, ROCHEfT4, TSH, EUC, LFT, GF, CRP, VITD, B12, MG, CFT,
FSH, LH, ODIOL, FBE, ESR

Tests Pending : ANA, ZN*

Sample Pending :

CREMA, TAHLIA
26 MILLER ST, FITZROY. 3065
Phone: 0421662184
Birthdate: 07/02/1987 Sex: F Medicare Number: 3395160819
Your Reference: 967708013 Lab Reference: 967708013-H-H900
Laboratory: Melbourne Pathology
Addressee: DR LI-HSIA NEOH Referred by: DR LI-HSIA NEOH

Name of Test: ED-HAEMATOLOGY

Requested: 06/12/2023 Collected: 07/12/2023 Reported: 09/12/2023 05:25

HAEMATOLOGY - Blood/EDTA

Date	23/05/23	09/08/23	29/08/23	07/12/23		
Time F-Fast	0819 F	N/A	0822 F	0923 F		
Lab Id.	394945220	392535094	395259456	967708013	Units	Reference
HAEMOGLOBIN	130	123	130	135	g/L	(115-160)
Hct	0.41	0.37	0.39	0.45		(0.35-0.47)
RBC	4.3	4.1	4.3	4.6	x10 ¹² /L	(3.7-5.2)
MCV	94	91	92	97	fL	(80-100)
MCH	30	30	30	29	pg	(27-34)
MCHC	320	332	332	303 L	g/L	(310-360)
RDW	11.9	12.0	12.1	12.5		(11-17)
PLATELETS	262	252	259	286	x 10 ⁹ /L	(150-450)
WHITE CELLS	5.2	5.3	4.0	4.7	x10 ⁹ /L	(4.0-11.0)
Neutrophils	3.1	3.5	2.2	2.7	x10 ⁹ /L	(2.0-7.5)
Lymphocytes	1.6	1.4	1.5	1.6	x10 ⁹ /L	(1.0-4.0)
Monocytes	0.3	0.3	0.3	0.3	x10 ⁹ /L	(0-1.0)
Eosinophils	0.1	0.1	0.1	0.1	x10 ⁹ /L	(0-0.5)
Basophils	0.0	0.0	0.0	0.0	x10 ⁹ /L	(0-0.3)
ESR	3		5	2 L	mm/hr	(3-12)

Dept Supervising Pathologist: Dr Linda Saravanan

Melbourne Pathology NATA No.:2133

Tests Completed: IS, FLS, ROCHEfT4, TSH, EUC, LFT, GF, CRP, VITD, B12, MG, CFT,
FSH, LH, ODIOL, FBE, ESR

Tests Pending : ANA, ZN*

Sample Pending :

CREMA, TAHLIA
26 MILLER ST, FITZROY. 3065

Phone: 0421662184
Birthdate: 07/02/1987 Sex: F Medicare Number: 3395160819
Your Reference: 967708013 Lab Reference: 967708013-Q-B099
Laboratory: Melbourne Pathology
Addressee: DR LI-HSIA NEOH Referred by: DR LI-HSIA NEOH

Name of Test: _ZINC VIRTUAL
Requested: 06/12/2023 Collected: 07/12/2023 Reported: 10/12/2023 05:25

Zinc

Date	07/12/23		
Time F-Fast	0923 F		
Lab Id.	967708013	Units	Reference
P-Zinc	20.3 H	umol/L	(9.0-19.0)

Melbourne Pathology NATA No.:2133

Tests Completed: IS, FLS, ROCHEfT4, TSH, EUC, LFT, GF, CRP, VITD, B12, MG, CFT,
FSH, LH, ODIOL, FBE, ESR, ZN*

Tests Pending : ANA

Sample Pending :

Recommended action:

I enclosed your blood tests , talk more at your appointment.

Yours sincerely,



Dr Li-Hsia Neoh