

Patient Health Summary

Name: Mrs Melody Freestone	Won Wellness Clinic
Address: 75 NATHAN VALLEY RD MOUNT NATHAN 4211	83 Upton Street Bundall 4217
D.O.B.: 07/03/1976	0756483931
Record No.:	
Home Phone:	
Work Phone:	
Mobile Phone: 0416 020 779	

Printed on 2nd September 2024

Allergies/Adverse reactions:

Nickel	
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Current Medications:

No long term medications.

Investigations:

FREESTONE, MELODY MICHELLE
75 NATHAN VALLEY RD, MOUNT NATHAN. 4211
Phone: 04 16020779
Birthdate: 07/03/1976 Sex: F Medicare Number: 42526148272
Your Reference: Lab Reference: 22-69259514-HDL-0
Laboratory: QML Pathology
Addressee: DR JANE CHAPMAN Referred by: DR SULATHA MINOSON
Copy to:
DR JANE CHAPMAN

Name of Test: HDL CHOLESTEROL, SERUM
Requested: 13/01/2022 Collected: 19/01/2022 Reported: 12/08/2024 10:45

CUMULATIVE LIPID RISK REPORT

Date	16/06/20	25/05/21	19/01/22	
Time	09:00	10:05	07:30	
Lab No	99592823	29616838	69259514	
	FASTING	FASTING	FASTING	
				Target if HIGH RISK
Total Cholesterol	5.9	5.7	6.4	mmol/L (below 4.0)
Triglycerides	1.0	1.1	1.5	mmol/L (below 2.0)
CHOLESTEROL FRACTIONS				
HDL	1.74	1.79	1.64	mmol/L (above 1.0)
LDL (direct)*	3.29	3.10	3.53	mmol/L (below 2.5)
Non-HDL cholesterol*		3.91	4.76	mmol/L (below 3.3)
Total/HDL ratio**	3.4	3.2	3.9	

* Secondary prevention LDL and non-HDL cholesterol targets are lower.

** The ratio is for use with the cardiovascular risk calculator.

Web-search: "Australian cardiovascular risk calculator"

69259514 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.

Tests Completed:TSH, IRON STUDIES, PROGESTERONE, E2, FSH, FBC, SE E/LFT, URINE MCS
Tests Completed:SE VIT D, SE HDL, BL HBA1C, ESR

Tests Pending :

FREESTONE, MELODY MICHELLE
75 NATHAN VALLEY RD, MOUNT NATHAN. 4211
Phone: 04 16020779
Birthdate: 07/03/1976 Sex: F Medicare Number: 42526148272
Your Reference: Lab Reference: 22-69259514-VD-0
Laboratory: QML Pathology
Addressee: DR JANE CHAPMAN Referred by: DR SULATHA MINOSON
Copy to:
DR JANE CHAPMAN

Name of Test: VITAMIN D, SERUM
Requested: 13/01/2022 Collected: 19/01/2022 Reported: 12/08/2024 10:45

CUMULATIVE SERUM VITAMIN D
Date 19/01/22
Time 07:30
Lab No 69259514
Vitamin D3 66 nmol/L (> 49)
69259514

** 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.

Tests Completed:TSH, IRON STUDIES, PROGESTERONE, E2, FSH, FBC, SE E/LFT, URINE MCS
Tests Completed:SE VIT D, SE HDL, BL HBA1C, ESR
Tests Pending :

FREESTONE, MELODY MICHELLE
75 NATHAN VALLEY RD, MOUNT NATHAN. 4211
Phone: 04 16020779
Birthdate: 07/03/1976 Sex: F Medicare Number: 42526148272
Your Reference: Lab Reference: 22-69259514-25T-0
Laboratory: QML Pathology
Addressee: DR JANE CHAPMAN Referred by: DR SULATHA MINOSON
Copy to:
DR JANE CHAPMAN

Name of Test: E/LFT (MASTER)
Requested: 13/01/2022 Collected: 19/01/2022 Reported: 12/08/2024 10:45

CUMULATIVE SERUM BIOCHEMISTRY

Date	02/07/19	16/06/20	25/05/21	19/01/22	
Time	00:00	09:00	10:05	07:30	
Lab No	69930551	99592823	29616838	69259514	
	FASTING	FASTING	FASTING	FASTING	FASTING
Sodium	144	142	140	140	mmol/L (137-147)
Potass.	4.5	3.9	4.3	4.0	mmol/L (3.5-5.0)
Chloride	107	105	108	105	mmol/L (96-109)
Bicarb	28	29	28	28	mmol/L (25-33)
An.Gap	14	12	8	11	mmol/L (4-17)
Gluc	4.9	4.8	5.0	4.9	mmol/L (3.0-6.0)
Urea	6.3	7.4	8.2	6.0	mmol/L (2.0-7.0)
Creat	61	60	63	69	umol/L (40-110)
eGFR	> 90	> 90	> 90	> 90	mL/min (over 59)
Urate	0.20	0.21	0.22	0.25	mmol/L (0.14-0.35)
T.Bili	12	8	10	8	umol/L (2-20)
D.Bili	2				umol/L
Alk.P	76	69	64	79	U/L (30-115)
GGT	13	11	12	12	U/L (0-45)
ALT	22	21	37	17	U/L (0-45)
AST	26	25	106	24	U/L (0-41)
LD	136	141	185	127	U/L (80-250)
Calcium	2.35			2.32	mmol/L (2.15-2.60)
Corr.Ca	2.36			2.31	mmol/L (2.15-2.60)
Phos	1.2			1.1	mmol/L (0.8-1.5)

T.Prot	70	66	68	68	g/L (60-82)
Alb	42	42	44	43	g/L (35-50)
Glob	28	24	24	25	g/L (20-40)
Chol	6.2	5.9	5.7	6.4	mmol/L (3.6-6.9)
Trig	1.2	1.0	1.1	1.5	mmol/L (0.3-2.2)
Lab No	69930551	99592823	29616838	69259514	
Date	02/07/19	16/06/20	25/05/21	19/01/22	

Tests Completed:TSH, IRON STUDIES, PROGESTERONE, E2, FSH, FBC, SE E/LFT, URINE MCS
 Tests Completed:SE VIT D, SE HDL, BL HBA1C, ESR
 Tests Pending :

FREESTONE, MELODY MICHELLE
 75 NATHAN VALLEY RD, MOUNT NATHAN. 4211
 Phone: 04 16020779
 Birthdate: 07/03/1976 Sex: F Medicare Number: 42526148272
 Your Reference: Lab Reference: 22-69259514-CBC-0
 Laboratory: QML Pathology
 Addressee: DR JANE CHAPMAN Referred by: DR SULATHA MINOSON
 Copy to:
 DR JANE CHAPMAN

Name of Test: MASTER FULL BLOOD COUNT
 Requested: 13/01/2022 Collected: 19/01/2022 Reported: 12/08/2024 10:45

CUMULATIVE FULL BLOOD EXAMINATION

Date	16/06/20	25/05/21	19/01/22	
Time	09:00	10:05	07:30	
Lab No	99592823	29616838	69259514	

Hb	125	124	134	g/L	(115-160)
RCC	4.7	4.7	4.9	x10 ^12 /L	(3.6-5.2)
Hct	0.38	0.39	0.42		(0.33-0.46)
MCV	82	84	84	fL	(80-98)
MCH	27	27	27	pg	(27-35)
Plats	176	195	190	x10 ^9 /L	(150-450)
WCC	5.5	7.7	5.8	x10 ^9 /L	(4.0-11.0)
Neuts	3.0	4.8	42 %	2.4 x10 ^9 /L	(2.0-7.5)
Lymphs	2.0	2.4	48 %	2.8 x10 ^9 /L	(1.1-4.0)
Monos	0.3	0.5	7 %	0.4 x10 ^9 /L	(0.2-1.0)
Eos	0.11	0.08	2 %	0.12 x10 ^9 /L	(0.04-0.40)
Basos	0.06	0.00	1 %	0.06 x10 ^9 /L	(< 0.21)
E.S.R.			5	mm/hr	(1-20)

69259514 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.

** FINAL REPORT - Please destroy previous report **

Tests Completed:TSH, IRON STUDIES, PROGESTERONE, E2, FSH, FBC, SE E/LFT, URINE MCS
 Tests Completed:SE VIT D, SE HDL, BL HBA1C, ESR
 Tests Pending :

FREESTONE, MELODY MICHELLE
 75 NATHAN VALLEY RD, MOUNT NATHAN. 4211
 Phone: 04 16020779
 Birthdate: 07/03/1976 Sex: F Medicare Number: 42526148272
 Your Reference: Lab Reference: 22-69259514-ESR-0
 Laboratory: QML Pathology
 Addressee: DR JANE CHAPMAN Referred by: DR SULATHA MINOSON
 Copy to:
 DR JANE CHAPMAN

Name of Test: ERYTHROCYTE SEDIMENT RATE

Requested: 13/01/2022 Collected: 19/01/2022 Reported: 12/08/2024 10:45

Erythrocyte Sedimentation Rate 5 mm/hr (1-20)

Tests Completed:TSH, IRON STUDIES, PROGESTERONE, E2, FSH, FBC, SE E/LFT, URINE MCS
Tests Completed:SE VIT D, SE HDL, BL HBA1C, ESR
Tests Pending :

FREESTONE, MELODY MICHELLE
75 NATHAN VALLEY RD, MOUNT NATHAN. 4211
Phone: 04 16020779
Birthdate: 07/03/1976 Sex: F Medicare Number: 42526148272
Your Reference: Lab Reference: 22-69259514-ISM-0
Laboratory: QML Pathology
Addressee: DR JANE CHAPMAN Referred by: DR SULATHA MINOSON
Copy to:
DR JANE CHAPMAN

Name of Test: MASTER IRON STUDIES
Requested: 13/01/2022 Collected: 19/01/2022 Reported: 12/08/2024 10:45

CUMULATIVE IRON STUDIES
Date 25/05/21 19/01/22
Time 10:05 07:30
Lab No 29616838 69259514

Iron 16 11 umol/L (10-33)
TIBC 57 57 umol/L (45-70)
Saturation 28 19 % (16-50)
Ferritin 36 34 ug/L (25-290)

69259514 Comment:
Low-normal iron stores.
A functional deficiency may exist in chronic disease states such
as chronic kidney disease (CKD) or disorders of Erythropoiesis.

Tests Completed:TSH, IRON STUDIES, PROGESTERONE, E2, FSH, FBC, SE E/LFT, URINE MCS
Tests Completed:SE VIT D, SE HDL, BL HBA1C, ESR
Tests Pending :

FREESTONE, MELODY MICHELLE
75 NATHAN VALLEY RD, MOUNT NATHAN. 4211
Phone: 04 16020779
Birthdate: 07/03/1976 Sex: F Medicare Number: 42526148272
Your Reference: Lab Reference: 22-69259514-A1C-0
Laboratory: QML Pathology
Addressee: DR JANE CHAPMAN Referred by: DR SULATHA MINOSON
Copy to:
DR JANE CHAPMAN

Name of Test: HAEMOGLOBIN A1C,BLOOD
Requested: 13/01/2022 Collected: 19/01/2022 Reported: 12/08/2024 10:45

CUMULATIVE GLYCATED HAEMOGLOBIN
Date 19/01/22
Time 07:30
Lab No 69259514

HbA1c Fraction 5.6 %
in SI units 37 mmol/mol

Note: Caution is needed in interpreting HbA1c results in the presence
of conditions affecting red blood cell survival times, which
may lead to either falsely high or falsely low HbA1c results.

HbA1c diagnostic levels - RCPA 2014

< 6.1% (<43 mmol/mol) - current diabetes is excluded

6.1-6.4% (43-47 mmol/mol) - high risk for future diabetes

> 6.4% (>48 mmol/mol) - diabetes is likely

Unless patient has supportive symptoms or elevated plasma glucose values, repeat test is recommended.

Currently, Medicare will fund only one diagnostic test per year.

Sample may be collected at any time - fasting is not required.

Note - diabetes tolerance may be impaired by chronic illness, use of certain drugs including steroids, Cushing syndrome, etc.

We would advise considering secondary forms in newly-diagnosed patients.

For clinical enquiries, please contact Dr Appleton, Chang or Marshall

Tests Completed:TSH, IRON STUDIES, PROGESTERONE, E2, FSH, FBC, SE E/LFT, URINE MCS

Tests Completed:SE VIT D, SE HDL, BL HBA1C, ESR

Tests Pending :

FREESTONE, MELODY MICHELLE

75 NATHAN VALLEY RD, MOUNT NATHAN. 4211

Phone: 04 16020779

Birthdate: 07/03/1976 Sex: F Medicare Number: 42526148272

Your Reference: Lab Reference: 22-69259514-URC-0

Laboratory: QML Pathology

Addressee: DR JANE CHAPMAN

Referred by: DR SULATHA MINOSON

Copy to:

DR JANE CHAPMAN

Name of Test: URINE MICRO / CULTURE

Requested: 13/01/2022 Collected: 19/01/2022 Reported: 12/08/2024 10:45

EXAMINATION OF URINE

Collection: Mid stream urine

Protein: Negative

Glucose: Negative

Ketones: Negative

PHASE CONTRAST MICROSCOPY

Leucocytes: < 10 x10 ^6 /L (N.R. <10)

Erythrocytes: < 10 x10 ^6 /L (N.R. <10)

Epithelial: < 10 x10 ^6 /L

A urine specimen with these results is usually not infected.

Although culture has been performed a further report will only be issued if the culture is positive.

Tests Completed:TSH, IRON STUDIES, PROGESTERONE, E2, FSH, FBC, SE E/LFT, URINE MCS

Tests Completed:SE VIT D, SE HDL, BL HBA1C, ESR

Tests Pending :

FREESTONE, MELODY MICHELLE

75 NATHAN VALLEY RD, MOUNT NATHAN. 4211

Phone: 04 16020779

Birthdate: 07/03/1976 Sex: F Medicare Number: 42526148272

Your Reference: Lab Reference: 22-69259514-FHM-0

Laboratory: QML Pathology

Addressee: DR JANE CHAPMAN

Referred by: DR SULATHA MINOSON

Copy to:

DR JANE CHAPMAN

Name of Test: FERTILITY HORMONE MASTER

Requested: 13/01/2022 Collected: 19/01/2022 Reported: 12/08/2024 10:45

CUMULATIVE FERTILITY HORMONES

Date	02/07/19	25/05/21	19/01/22
Time	00:00	10:05	07:30
Lab No	69930550	29616838	69259514

FSH		8	21	IU/L
E2	280		320	pmol/L
Prog	8		2	nmol/L
DHEAS	5.4			umol/L (0.5-7.3)
DHEAS	2000			ng/mL (200-2700)

Ranges:	Follicular Phase	Midcycle Peak	Luteal Phase	Post-Menopausal
LH	2 - 12	10 - 130	1 - 17	15 - 60
FSH	1 - 10	3 - 33	1 - 9	20 - 140
Oestradiol	70 - 530	230 - 1310	200 - 790	< 120
Progesterone	< 5	rising	20 - 110	< 3

Tests Completed:TSH, IRON STUDIES, PROGESTERONE, E2, FSH, FBC, SE E/LFT, URINE MCS
 Tests Completed:SE VIT D, SE HDL, BL HBA1C, ESR
 Tests Pending :

FREESTONE, MELODY MICHELLE
 75 NATHAN VALLEY RD, MOUNT NATHAN. 4211
 Phone: 04 16020779
 Birthdate: 07/03/1976 Sex: F Medicare Number: 42526148272
 Your Reference: Lab Reference: 22-69259514-THY-0
 Laboratory: QML Pathology
 Addressee: DR JANE CHAPMAN Referred by: DR SULATHA MINOSON
 Copy to:
 DR JANE CHAPMAN

Name of Test: THYROID TEST MASTER
 Requested: 13/01/2022 Collected: 19/01/2022 Reported: 12/08/2024 10:45

CUMULATIVE SERUM THYROID FUNCTION TESTS

Date	28/07/16	02/07/19	19/01/22
Time	09:05	00:00	07:30
Lab No	72568298	69930551	69259514

TSH	1.1	1.4	1.6	mIU/L (0.50-4.00)
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Euthyroid level. However if hypopituitarism (rare) is suspected, free T4 assay may be indicated.

Tests Completed:TSH, IRON STUDIES, PROGESTERONE, E2, FSH, FBC, SE E/LFT, URINE MCS
 Tests Completed:SE VIT D, SE HDL, BL HBA1C, ESR
 Tests Pending :

FREESTONE, MELODY MICHELLE
 75 NATHAN VALLEY RD, MOUNT NATHAN. 4211
 Phone: 04 16020779
 Birthdate: 07/03/1976 Sex: F Medicare Number: 42526148272
 Your Reference: Lab Reference: 22-70883111-FHM-0
 Laboratory: QML Pathology
 Addressee: DR JANE CHAPMAN Referred by: DR SULATHA MINOSON
 Copy to:
 DR JANE CHAPMAN

Name of Test: FERTILITY HORMONE MASTER
 Requested: 11/08/2022 Collected: 15/08/2022 Reported: 12/08/2024 10:45

CUMULATIVE FERTILITY HORMONES

Date 02/07/19 25/05/21 19/01/22 15/08/22
Time 00:00 10:05 07:30 08:40
Lab No 69930550 29616838 69259514 70883111

FSH 8 21 20 IU/L
E2 280 320 pmol/L
Prog 8 2 nmol/L

Ranges:	Follicular Phase	Midcycle Peak	Luteal Phase	Post-Menopausal
LH	2 - 12	10 - 130	1 - 17	15 - 60
FSH	1 - 10	3 - 33	1 - 9	20 - 140
Oestradiol	70 - 530	230 - 1310	200 - 790	< 120
Progesterone	< 5	rising	20 - 110	< 3

Tests Completed:IRON STUDIES, FSH, FBC, SE URATE, SE U/C/ELECTS, SE TRIGS, SE LFT
Tests Completed:SE GLUCOSE, SE CHOL, URINE MCS, SE HDL, SE C-REACTIVE PROTEIN
Tests Completed:BL HBA1C, ESR
Tests Pending :

FREESTONE, MELODY MICHELLE
75 NATHAN VALLEY RD, MOUNT NATHAN.4211
Phone: 04 16020779
Birthdate: 07/03/1976 Sex: F Medicare Number: 42526148272
Your Reference: Lab Reference: 22-70883111-URC-0
Laboratory: QML Pathology
Addressee: DR JANE CHAPMAN Referred by: DR SULATHA MINOSON
Copy to:
DR JANE CHAPMAN

Name of Test: URINE MICRO / CULTURE
Requested: 11/08/2022 Collected: 15/08/2022 Reported: 12/08/2024 10:45

EXAMINATION OF URINE
Collection: Mid stream urine
Protein: Negative
Glucose: Negative
Ketones: Negative
PHASE CONTRAST MICROSCOPY
Leucocytes: < 10 x10 ^6 /L (N.R. <10)
Erythrocytes: 50 x10 ^6 /L (N.R. <10)
Epithelial: 10 x10 ^6 /L

A urine specimen with these results is usually not infected.
Although culture has been performed a further report will only be issued if the culture is positive.

Tests Completed:IRON STUDIES, FSH, FBC, SE URATE, SE U/C/ELECTS, SE TRIGS, SE LFT
Tests Completed:SE GLUCOSE, SE CHOL, URINE MCS, SE HDL, SE C-REACTIVE PROTEIN
Tests Completed:BL HBA1C, ESR
Tests Pending :

FREESTONE, MELODY MICHELLE
75 NATHAN VALLEY RD, MOUNT NATHAN.4211
Phone: 04 16020779
Birthdate: 07/03/1976 Sex: F Medicare Number: 42526148272
Your Reference: Lab Reference: 22-70883111-CBC-0
Laboratory: QML Pathology
Addressee: DR JANE CHAPMAN Referred by: DR SULATHA MINOSON
Copy to:
DR JANE CHAPMAN

Name of Test: MASTER FULL BLOOD COUNT
Requested: 11/08/2022 Collected: 15/08/2022 Reported: 12/08/2024 10:45

CUMULATIVE FULL BLOOD EXAMINATION

Date	16/06/20	25/05/21	19/01/22	15/08/22
Time	09:00	10:05	07:30	08:40
Lab No	99592823	29616838	69259514	70883111

	125	124	134	131	g/L	(115-160)
RCC	4.7	4.7	4.9	4.8	x10 ¹² /L	(3.6-5.2)
Hct	0.38	0.39	0.42	0.40		(0.33-0.46)
MCV	82	84	84	84	fL	(80-98)
MCH	27	27	27	28	pg	(27-35)
Plats	176	195	190	179	x10 ⁹ /L	(150-450)
WCC	5.5	7.7	5.8	5.5	x10 ⁹ /L	(4.0-11.0)
Neuts	3.0	4.8	2.4	3.0	x10 ⁹ /L	(2.0-7.5)
Lymphs	2.0	2.4	2.8	2.0	x10 ⁹ /L	(1.1-4.0)
Monos	0.3	0.5	0.4	0.4	x10 ⁹ /L	(0.2-1.0)
Eos	0.11	0.08	0.12	0.11	x10 ⁹ /L	(0.04-0.40)
Basos	0.06	0.00	0.06	0.00	x10 ⁹ /L	(< 0.21)
E.S.R.				5	mm/hr	(1-20)

70883111 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.

** FINAL REPORT - Please destroy previous report **

Tests Completed: IRON STUDIES, FSH, FBC, SE URATE, SE U/C/ELECTS, SE TRIGS, SE LFT
 Tests Completed: SE GLUCOSE, SE CHOL, URINE MCS, SE HDL, SE C-REACTIVE PROTEIN
 Tests Completed: BL HBA1C, ESR
 Tests Pending :

FREESTONE, MELODY MICHELLE
 75 NATHAN VALLEY RD, MOUNT NATHAN. 4211
Phone: 04 16020779
Birthdate: 07/03/1976 **Sex:** F **Medicare Number:** 42526148272
Your Reference: **Lab Reference:** 22-70883111-ESR-0
Laboratory: QML Pathology
Addressee: DR JANE CHAPMAN **Referred by:** DR SULATHA MINOSON
Copy to:
 DR JANE CHAPMAN

Name of Test: ERYTHROCYTE SEDIMENT RATE
Requested: 11/08/2022 **Collected:** 15/08/2022 **Reported:** 12/08/2024 10:45

Erythrocyte Sedimentation Rate 5 mm/hr (1-20)

Tests Completed: IRON STUDIES, FSH, FBC, SE URATE, SE U/C/ELECTS, SE TRIGS, SE LFT
 Tests Completed: SE GLUCOSE, SE CHOL, URINE MCS, SE HDL, SE C-REACTIVE PROTEIN
 Tests Completed: BL HBA1C, ESR
 Tests Pending :

FREESTONE, MELODY MICHELLE
 75 NATHAN VALLEY RD, MOUNT NATHAN. 4211
Phone: 04 16020779
Birthdate: 07/03/1976 **Sex:** F **Medicare Number:** 42526148272
Your Reference: **Lab Reference:** 22-70883111-ISM-0
Laboratory: QML Pathology
Addressee: DR JANE CHAPMAN **Referred by:** DR SULATHA MINOSON
Copy to:
 DR JANE CHAPMAN

Name of Test: MASTER IRON STUDIES
Requested: 11/08/2022 **Collected:** 15/08/2022 **Reported:** 12/08/2024 10:45

CUMULATIVE IRON STUDIES

Date	19/01/22	15/08/22	
Time	07:30	08:40	
Lab No	69259514	70883111	
Iron	11	14	umol/L (10-33)
TIBC	57	57	umol/L (45-70)
Saturation	19	25	% (16-50)
Ferritin	34	30	ug/L (25-290)

70883111 **Comment:**
 Low-normal iron stores.
 A functional deficiency may exist in chronic disease states such
 as chronic kidney disease (CKD) or disorders of Erythropoiesis.

Tests Completed:IRON STUDIES, FSH, FBC, SE URATE, SE U/C/ELECTS, SE TRIGS, SE LFT
 Tests Completed:SE GLUCOSE, SE CHOL, URINE MCS, SE HDL, SE C-REACTIVE PROTEIN
 Tests Completed:BL HBA1C, ESR
 Tests Pending :

FREESTONE, MELODY MICHELLE
 75 NATHAN VALLEY RD, MOUNT NATHAN. 4211
Phone: 04 16020779
Birthdate: 07/03/1976 **Sex:** F **Medicare Number:** 42526148272
Your Reference: **Lab Reference:** 22-70883111-A1C-0
Laboratory: QML Pathology
Addressee: DR JANE CHAPMAN **Referred by:** DR SULATHA MINOSON
Copy to:
 DR JANE CHAPMAN

Name of Test: HAEMOGLOBIN A1C,BLOOD
Requested: 11/08/2022 **Collected:** 15/08/2022 **Reported:** 12/08/2024 10:45

CUMULATIVE GLYCATED HAEMOGLOBIN

Date	19/01/22	15/08/22
Time	07:30	08:40
Lab No	69259514	70883111
HbA1c Fraction	5.6	5.5 %
in SI units	37	36 mmol/mol

Note: Caution is needed in interpreting HbA1c results in the presence
 of conditions affecting red blood cell survival times, which
 may lead to either falsely high or falsely low HbA1c results.

HbA1c diagnostic levels - RCPA 2014
 < 6.1% (<43 mmol/mol) - current diabetes is excluded
 6.1-6.4% (43-47 mmol/mol) - high risk for future diabetes
 > 6.4% (>48 mmol/mol) - diabetes is likely
 Unless patient has supportive symptoms or elevated plasma glucose
 values, repeat test is recommended.
 Currently, Medicare will fund only one diagnostic test per year.

Sample may be collected at any time - fasting is not required.
 Note - diabetes tolerance may be impaired by chronic illness,
 use of certain drugs including steroids, Cushing syndrome, etc.
 We would advise considering secondary forms in newly-diagnosed
 patients.
 For clinical enquiries, please contact Dr Appleton, Chang or Marshall

Tests Completed:IRON STUDIES, FSH, FBC, SE URATE, SE U/C/ELECTS, SE TRIGS, SE LFT
 Tests Completed:SE GLUCOSE, SE CHOL, URINE MCS, SE HDL, SE C-REACTIVE PROTEIN
 Tests Completed:BL HBA1C, ESR
 Tests Pending :

FREESTONE, MELODY MICHELLE
 75 NATHAN VALLEY RD, MOUNT NATHAN. 4211
Phone: 04 16020779

Birthdate: 07/03/1976 Sex: F Medicare Number: 42526148272
Your Reference: Lab Reference: 22-70883111-CRP-0
Laboratory: QML Pathology
Addressee: DR JANE CHAPMAN Referred by: DR SULATHA MINOSON
Copy to:
DR JANE CHAPMAN

Name of Test: C REACTIVE PROTEIN
Requested: 11/08/2022 Collected: 15/08/2022 Reported: 12/08/2024 10:45

CUMULATIVE SERUM COMPLEMENT AND C-REACTIVE PROTEIN (CRP)
Date 15/08/22
Time 08:40
Lab No 70883111

CRP < 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:IRON STUDIES, FSH, FBC, SE URATE, SE U/C/ELECTS, SE TRIGS, SE LFT
Tests Completed:SE GLUCOSE, SE CHOL, URINE MCS, SE HDL, SE C-REACTIVE PROTEIN
Tests Completed:BL HBA1C, ESR
Tests Pending :

FREESTONE, MELODY MICHELLE
75 NATHAN VALLEY RD, MOUNT NATHAN. 4211
Phone: 04 16020779
Birthdate: 07/03/1976 Sex: F Medicare Number: 42526148272
Your Reference: Lab Reference: 22-70883111-HDL-0
Laboratory: QML Pathology
Addressee: DR JANE CHAPMAN Referred by: DR SULATHA MINOSON
Copy to:
DR JANE CHAPMAN

Name of Test: HDL CHOLESTEROL,SERUM
Requested: 11/08/2022 Collected: 15/08/2022 Reported: 12/08/2024 10:45

CUMULATIVE LIPID RISK REPORT
Date 25/05/21 19/01/22 15/08/22
Time 10:05 07:30 08:40
Lab No 29616838 69259514 70883111
FASTING FASTING FASTING

				Target if HIGH RISK
Total Cholesterol	5.7	6.4	6.1 mmol/L	(below 4.0)
Triglycerides	1.1	1.5	1.8 mmol/L	(below 2.0)

CHOLESTEROL FRACTIONS				
HDL	1.79	1.64	1.38 mmol/L	(above 1.0)
LDL (calculated)*	3.41	4.08	3.90 mmol/L	(below 2.5)
LDL (direct)*	3.10	3.53	mmol/L	(below 2.5)
Non-HDL cholesterol*	3.91	4.76	4.72 mmol/L	(below 3.3)
Total/HDL ratio**	3.2	3.9	4.4	

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

70883111 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:IRON STUDIES, FSH, FBC, SE URATE, SE U/C/ELECTS, SE TRIGS, SE LFT
Tests Completed:SE GLUCOSE, SE CHOL, URINE MCS, SE HDL, SE C-REACTIVE PROTEIN
Tests Completed:BL HBA1C, ESR
Tests Pending :

FREESTONE, MELODY MICHELLE
75 NATHAN VALLEY RD, MOUNT NATHAN. 4211
Phone: 04 16020779
Birthdate: 07/03/1976 Sex: F Medicare Number: 42526148272
Your Reference: Lab Reference: 22-70883111-25T-0
Laboratory: QML Pathology
Addressee: DR JANE CHAPMAN Referred by: DR SULATHA MINOSON
Copy to:
DR JANE CHAPMAN

Name of Test: E/LFT (MASTER)
Requested: 11/08/2022 Collected: 15/08/2022 Reported: 12/08/2024 10:45

CUMULATIVE SERUM BIOCHEMISTRY					
Date	16/06/20	25/05/21	19/01/22	15/08/22	
Time	09:00	10:05	07:30	08:40	
Lab No	99592823	29616838	69259514	70883111	
	FASTING	FASTING	FASTING	FASTING	FASTING
Sodium	142	140	140	140	mmol/L (137-147)
Potass.	3.9	4.3	4.0	3.9	mmol/L (3.5-5.0)
Chloride	105	108	105	104	mmol/L (96-109)
Bicarb	29	28	28	29	mmol/L (25-33)
An.Gap	12	8	11	11	mmol/L (4-17)
Gluc	4.8	5.0	4.9	5.0	mmol/L (3.0-6.0)
Urea	7.4	8.2	6.0	5.8	mmol/L (2.0-7.0)
Creat	60	63	69	54	umol/L (40-110)
eGFR	> 90	> 90	> 90	> 90	mL/min (over 59)
Urate	0.21	0.22	0.25	0.20	mmol/L (0.14-0.35)
T.Bili	8	10	8	7	umol/L (2-20)
Alk.P	69	64	79	67	U/L (30-115)
GGT	11	12	12	13	U/L (0-45)
ALT	21	37	17	18	U/L (0-45)
AST	25	106	24	23	U/L (0-41)
LD	141	185	127	135	U/L (80-250)
Calcium			2.32		mmol/L
Corr.Ca			2.31		mmol/L
Phos			1.1		mmol/L
T.Prot	66	68	68	66	g/L (60-82)
Alb	42	44	43	42	g/L (35-50)
Glob	24	24	25	24	g/L (20-40)
Chol	5.9	5.7	6.4	6.1	mmol/L (3.6-6.9)
Trig	1.0	1.1	1.5	1.8	mmol/L (0.3-2.2)
Lab No	99592823	29616838	69259514	70883111	
Date	16/06/20	25/05/21	19/01/22	15/08/22	

Tests Completed:IRON STUDIES, FSH, FBC, SE URATE, SE U/C/ELECTS, SE TRIGS, SE LFT
Tests Completed:SE GLUCOSE, SE CHOL, URINE MCS, SE HDL, SE C-REACTIVE PROTEIN
Tests Completed:BL HBA1C, ESR
Tests Pending :

FREESTONE, MELODY MICHELLE
75 NATHAN VALLEY RD, MOUNT NATHAN. 4211
Phone: 04 16020779
Birthdate: 07/03/1976 Sex: F Medicare Number: 42526148272
Your Reference: Lab Reference: 23-73955857-25T-0
Laboratory: QML Pathology
Addressee: DR JANE CHAPMAN Referred by: DR JOHN BUCKLEY
Copy to:
DR JANE CHAPMAN

Name of Test: E/LFT (MASTER)
Requested: 11/10/2023 Collected: 13/10/2023 Reported: 12/08/2024 10:45

CUMULATIVE SERUM BIOCHEMISTRY					
Date	25/05/21	19/01/22	15/08/22	13/10/23	
Time	10:05	07:30	08:40	07:49	
Lab No	29616838	69259514	70883111	73955857	
	FASTING	FASTING	FASTING	RANDOM	RANDOM
Sodium	140	140	140	141	mmol/L (137-147)
Potass.	4.3	4.0	3.9	4.3	mmol/L (3.5-5.0)
Chloride	108	105	104	104	mmol/L (96-109)
Bicarb	28	28	29	30	mmol/L (25-33)
An.Gap	8	11	11	11	mmol/L (4-17)
Gluc	5.0	4.9	5.0	5.0	mmol/L (3.0-7.7)
Urea	8.2	6.0	5.8	5.6	mmol/L (2.0-7.0)
Creat	63	69	54	63	umol/L (40-110)
eGFR	> 90	> 90	> 90	> 90	mL/min (over 59)
Urate	0.22	0.25	0.20	0.19	mmol/L (0.14-0.35)
T.Bili	10	8	7	8	umol/L (2-20)
Alk.P	64	79	67	70	U/L (30-115)
GGT	12	12	13	10	U/L (0-45)
ALT	37	17	18	14	U/L (0-45)
AST	106	24	23	20	U/L (0-41)
LD	185	127	135	140	U/L (80-250)
Calcium		2.32		2.22	mmol/L (2.15-2.60)
Corr.Ca		2.31		2.26	mmol/L (2.15-2.60)
Phos		1.1		1.2	mmol/L (0.8-1.5)
T.Prot	68	68	66	64	g/L (60-82)
Alb	44	43	42	41	g/L (35-50)
Glob	24	25	24	23	g/L (20-40)
Chol	5.7	6.4	6.1	5.3	mmol/L (3.6-6.9)
Trig	1.1	1.5	1.8	0.8	mmol/L (0.3-4.0)
Lab No	29616838	69259514	70883111	73955857	
Date	25/05/21	19/01/22	15/08/22	13/10/23	

Tests Completed:TSH, IRON STUDIES, PROGESTERONE, E2, LH, FSH, FBC, SERUM FOLATE
 Tests Completed:SERUM VITAMIN B12, SE E/LFT, SE ZINC, SE VIT D, SE HDL, BL HBA1C
 Tests Completed:HCG(QUANT)
 Tests Pending :

FREESTONE, MELODY MICHELLE
 75 NATHAN VALLEY RD, MOUNT NATHAN. 4211
Phone: 04 16020779
Birthdate: 07/03/1976 **Sex:** F **Medicare Number:** 42526148272
Your Reference: **Lab Reference:** 23-73955857-VD-0
Laboratory: QML Pathology
Addressee: DR JANE CHAPMAN **Referred by:** DR JOHN BUCKLEY
Copy to:
 DR JANE CHAPMAN

Name of Test: VITAMIN D,SERUM
Requested: 11/10/2023 **Collected:** 13/10/2023 **Reported:** 12/08/2024 10:45

CUMULATIVE SERUM VITAMIN D			
Date	19/01/22	13/10/23	
Time	07:30	07:49	
Lab No	69259514	73955857	
Vitamin D3	66	74 nmol/L	(> 49)

73955857
 ** Progress report.

Tests Completed:TSH, IRON STUDIES, PROGESTERONE, E2, LH, FSH, FBC, SERUM FOLATE
 Tests Completed:SERUM VITAMIN B12, SE E/LFT, SE ZINC, SE VIT D, SE HDL, BL HBA1C
 Tests Completed:HCG(QUANT)
 Tests Pending :

FREESTONE, MELODY MICHELLE
 75 NATHAN VALLEY RD, MOUNT NATHAN. 4211
Phone: 04 16020779
Birthdate: 07/03/1976 **Sex:** F **Medicare Number:** 42526148272

DR JANE CHAPMAN

Name of Test: HDL CHOLESTEROL, SERUM
Requested: 11/10/2023 **Collected:** 13/10/2023 **Reported:** 12/08/2024 10:45

CUMULATIVE LIPID RISK REPORT

Date	19/01/22	15/08/22	13/10/23	
Time	07:30	08:40	07:49	
Lab No	69259514	70883111	73955857	
	FASTING	FASTING	RANDOM	
				Target if HIGH RISK
Total Cholesterol	6.4	6.1	5.3 mmol/L	(below 4.0)
Triglycerides	1.5	1.8	0.8 mmol/L	(below 2.0)

CHOLESTEROL FRACTIONS

HDL	1.64	1.38	1.80	mmol/L (above 1.0)
LDL (calculated)*	4.08	3.90	3.14	mmol/L (below 2.5)
LDL (direct)*	3.53			mmol/L (below 2.5)
Non-HDL cholesterol*	4.76	4.72	3.50	mmol/L (below 3.3)
Total/HDL ratio**	3.9	4.4	2.9	

** The ratio is for use with the cardiovascular risk calculator.

Web-search: "Australian cardiovascular risk calculator"

73955857 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, IRON STUDIES, PROGESTERONE, E2, LH, FSH, FBC, SERUM FOLATE
Tests Completed:SERUM VITAMIN B12, SE E/LFT, SE ZINC, SE VIT D, SE HDL, BL HBA1C
Tests Completed:HCG(QUANT)
Tests Pending :

FREESTONE, MELODY MICHELLE
75 NATHAN VALLEY RD, MOUNT NATHAN. 4211
Phone: 04 16020779
Birthdate: 07/03/1976 **Sex:** F **Medicare Number:** 42526148272
Your Reference: **Lab Reference:** 23-73955857-ZN-0
Laboratory: QML Pathology
Addressee: DR JANE CHAPMAN **Referred by:** DR JOHN BUCKLEY
Copy to:
DR JANE CHAPMAN

Name of Test: ZINC, SERUM
Requested: 11/10/2023 **Collected:** 13/10/2023 **Reported:** 12/08/2024 10:45

Serum Zinc	12 umol/L	(10-25)
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Tests Completed:TSH, IRON STUDIES, PROGESTERONE, E2, LH, FSH, FBC, SERUM FOLATE
Tests Completed:SERUM VITAMIN B12, SE E/LFT, SE ZINC, SE VIT D, SE HDL, BL HBA1C
Tests Completed:HCG(QUANT)
Tests Pending :

FREESTONE, MELODY MICHELLE
75 NATHAN VALLEY RD, MOUNT NATHAN.4211
Phone: 04 16020779
Birthdate: 07/03/1976 **Sex:** F **Medicare Number:** 42526148272

We would advise considering secondary forms in newly-diagnosed patients.
For clinical enquiries, please contact Dr Appleton, Chang or Marshall

Tests Completed:TSH, IRON STUDIES, PROGESTERONE, E2, LH, FSH, FBC, SERUM FOLATE
Tests Completed:SERUM VITAMIN B12, SE E/LFT, SE ZINC, SE VIT D, SE HDL, BL HBA1C
Tests Completed:HCG(QUANT)
Tests Pending :

FREESTONE, MELODY MICHELLE
75 NATHAN VALLEY RD, MOUNT NATHAN. 4211
Phone: 04 16020779
Birthdate: 07/03/1976 **Sex:** F **Medicare Number:** 42526148272
Your Reference: **Lab Reference:** 23-73955857-FHM-0
Laboratory: QML Pathology
Addressee: DR JANE CHAPMAN **Referred by:** DR JOHN BUCKLEY
Copy to:
DR JANE CHAPMAN

Name of Test: FERTILITY HORMONE MASTER
Requested: 11/10/2023 **Collected:** 13/10/2023 **Reported:** 12/08/2024 10:45

CUMULATIVE FERTILITY HORMONES

Date	02/07/19	25/05/21	19/01/22	15/08/22	13/10/23
Time	00:00	10:05	07:30	08:40	07:49
Lab No	69930550	29616838	69259514	70883111	73955857

LH				46	IU/L
FSH		8	21	20	40 IU/L
E2	280		320		340 pmol/L
Prog	8		2		2 nmol/L

Ranges:	Follicular Phase	Midcycle Peak	Luteal Phase	Post-Menopausal
LH	2 - 12	10 - 130	1 - 17	15 - 60
FSH	1 - 10	3 - 33	1 - 9	20 - 140
Oestradiol	70 - 530	230 - 1310	200 - 790	< 120
Progesterone	< 5	rising	20 - 110	< 3

73955857 The high Gonadotrophins indicate increased Ovarian resistance.
However the Oestradiol indicates that follicular responses are still occurring, with the potential for further ovulation (unless this woman is taking a form of oestrogens which is being measured in this assay).

Tests Completed:TSH, IRON STUDIES, PROGESTERONE, E2, LH, FSH, FBC, SERUM FOLATE
Tests Completed:SERUM VITAMIN B12, SE E/LFT, SE ZINC, SE VIT D, SE HDL, BL HBA1C
Tests Completed:HCG(QUANT)
Tests Pending :

FREESTONE, MELODY MICHELLE
75 NATHAN VALLEY RD, MOUNT NATHAN. 4211
Phone: 04 16020779
Birthdate: 07/03/1976 **Sex:** F **Medicare Number:** 42526148272
Your Reference: **Lab Reference:** 23-73955857-THY-0
Laboratory: QML Pathology
Addressee: DR JANE CHAPMAN **Referred by:** DR JOHN BUCKLEY
Copy to:
DR JANE CHAPMAN

Name of Test: THYROID TEST MASTER
Requested: 11/10/2023 **Collected:** 13/10/2023 **Reported:** 12/08/2024 10:45

CUMULATIVE SERUM THYROID FUNCTION TESTS

Date	28/07/16	02/07/19	19/01/22	13/10/23
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Time 09:05 00:00 07:30 07:49
 Lab No 72568298 69930551 69259514 73955857

TSH 1.1 1.4 1.6 1.2 mIU/L (0.50-4.00)

Euthyroid level. However if hypopituitarism (rare) is suspected, free T4 assay may be indicated.

Tests Completed:TSH, IRON STUDIES, PROGESTERONE, E2, LH, FSH, FBC, SERUM FOLATE
 Tests Completed:SERUM VITAMIN B12, SE E/LFT, SE ZINC, SE VIT D, SE HDL, BL HBA1C
 Tests Completed:HCG (QUANT)
 Tests Pending :

FREESTONE, MELODY MICHELLE
 75 NATHAN VALLEY RD, MOUNT NATHAN. 4211
 Phone: 04 16020779
 Birthdate: 07/03/1976 Sex: F Medicare Number: 42526148272
 Your Reference: Lab Reference: 23-73955857-CBC-0
 Laboratory: QML Pathology
 Addressee: DR JANE CHAPMAN Referred by: DR JOHN BUCKLEY
 Copy to:
 DR JANE CHAPMAN

Name of Test: MASTER FULL BLOOD COUNT
 Requested: 11/10/2023 Collected: 13/10/2023 Reported: 12/08/2024 10:45

CUMULATIVE FULL BLOOD EXAMINATION					
Date	25/05/21	19/01/22	15/08/22	13/10/23	
Time	10:05	07:30	08:40	07:49	
Lab No	29616838	69259514	70883111	73955857	
Hb	124	134	131	128	g/L (115-160)
RCC	4.7	4.9	4.8	4.9	x10 ^12 /L (3.6-5.2)
Hct	0.39	0.42	0.40	0.41	(0.33-0.46)
MCV	84	84	84	83	fL (80-98)
MCH	27	27	28	26	pg (27-35)
Plats	195	190	179	202	x10 ^9 /L (150-450)
WCC	7.7	5.8	5.5	6.3	x10 ^9 /L (4.0-11.0)
Neuts	4.8	2.4	3.0	59 % 3.7	x10 ^9 /L (2.0-7.5)
Lymphs	2.4	2.8	2.0	32 % 2.0	x10 ^9 /L (1.1-4.0)
Monos	0.5	0.4	0.4	7 % 0.4	x10 ^9 /L (0.2-1.0)
Eos	0.08	0.12	0.11	1 % 0.06	x10 ^9 /L (0.04-0.40)
Basos	0.00	0.06	0.00	1 % 0.06	x10 ^9 /L (< 0.21)

73955857 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.

Minor Hypochromia. Correlate with Iron status.

** FINAL REPORT - Please destroy previous report **

Tests Completed:TSH, IRON STUDIES, PROGESTERONE, E2, LH, FSH, FBC, SERUM FOLATE
 Tests Completed:SERUM VITAMIN B12, SE E/LFT, SE ZINC, SE VIT D, SE HDL, BL HBA1C
 Tests Completed:HCG (QUANT)
 Tests Pending :

FREESTONE, MELODY MICHELLE
 75 NATHAN VALLEY RD, MOUNT NATHAN. 4211
 Phone: 04 16020779
 Birthdate: 07/03/1976 Sex: F Medicare Number: 42526148272
 Your Reference: Lab Reference: 23-73955857-BFM-0
 Laboratory: QML Pathology
 Addressee: DR JANE CHAPMAN Referred by: DR JOHN BUCKLEY
 Copy to:

DR JANE CHAPMAN

Name of Test: MASTER VITAMIN B12 FOLATE
Requested: 11/10/2023 **Collected:** 13/10/2023 **Reported:** 12/08/2024 10:45

CUMULATIVE VITAMIN B12 AND FOLATE ASSAYS

Date 13/10/23
Time 07:49
Lab No 73955857

B12 Total 502 pmol/L (162-811)
S.Fol. > 54.0 nmol/L (8.4-55.0)

Comment:
73955857

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.

Clinical:
Please note that Medicare requirements for folate testing reflect current best practice. Red cell folate will be reserved for patients with borderline values of serum folate (between 4.5 and 7.0) nmol/L).

Tests Completed:TSH, IRON STUDIES, PROGESTERONE, E2, LH, FSH, FBC, SERUM FOLATE
Tests Completed:SERUM VITAMIN B12, SE E/LFT, SE ZINC, SE VIT D, SE HDL, BL HBA1C
Tests Completed:HCG(QUANT)
Tests Pending :

FREESTONE, MELODY MICHELLE
75 NATHAN VALLEY RD, MOUNT NATHAN. 4211
Phone: 04 16020779
Birthdate: 07/03/1976 **Sex:** F **Medicare Number:** 42526148272
Your Reference: **Lab Reference:** 23-73955857-BHC-0
Laboratory: QML Pathology
Addressee: DR JANE CHAPMAN **Referred by:** DR JOHN BUCKLEY
Copy to:
DR JANE CHAPMAN

Name of Test: QUANTITATIVE HCG, SERUM
Requested: 11/10/2023 **Collected:** 13/10/2023 **Reported:** 12/08/2024 10:45

CUMULATIVE SERUM HUMAN CHORIONIC GONADOTROPHIN

Date 02/07/19 25/05/21 19/01/22 13/10/23
Time 00:00 10:05 07:30 07:49
Lab No 69930550 29616838 69259514 73955857

HCG < 5 IU/L
Progesterone 8 2 2 nmol/L (>30)

Serum HCG Test Interpretation

Non-pregnant: <5 IU/L (if taken after first missed period)
Borderline result: 5-25 IU/L (suggest repeat in 48 hours)
Pregnant: >25 IU/L
Post menopause: <10 IU/L

Ranges by Week : lower - Median - upper

4	:	40	350	2000
5	:	400	1800	10000
6	:	1600	8000	33000
7	:	7000	25000	65000
8	:	20000	50000	100000
9	:	40000	65000	120000
10	:	46000	70000	125000

Note - HCG levels peak at 10-12 weeks gestation and fall thereafter.

Tests Completed:TSH, IRON STUDIES, PROGESTERONE, E2, LH, FSH, FBC, SERUM FOLATE
Tests Completed:SERUM VITAMIN B12, SE E/LFT, SE ZINC, SE VIT D, SE HDL, BL HBA1C
Tests Completed:HCG(QUANT)
Tests Pending :

FREESTONE, MELODY MICHELLE
75 NATHAN VALLEY RD, MOUNT NATHAN. 4211
Phone: 04 16020779
Birthdate: 07/03/1976 Sex: F Medicare Number: 42526148272
Your Reference: Lab Reference: 24-65157845-CVX-0
Laboratory: QML Pathology
Addressee: DR JANE CHAPMAN Referred by: DR JOHN BUCKLEY
Copy to:
DR JANE CHAPMAN

Name of Test: CERVICAL SCREENING TEST
Requested: 24/01/2024 Collected: 24/01/2024 Reported: 12/08/2024 10:45

Cervical Screening Test

RESULT: INTERMEDIATE RISK FOR SIGNIFICANT CERVICAL ABNORMALITY

REASON FOR TEST: Primary screening
SITE: Cervical
TYPE: ThinPrep
COLLECT: Practitioner collected

PCR for Oncogenic HPV and genotype:
a) HPV 16: Not Detected
b) HPV 18: Not Detected
c) HPV Other: DETECTED

LIQUID BASED CYTOLOGY: Manually Screened

No evidence of squamous intraepithelial lesion or malignancy.
Endocervical component: Not identified

RECOMMENDATION: Repeat HPV test in 1 year.

Drs Maywald, Peyton, Vuong, Oost, Bhutada, Forough, Patel, Rao.

Cervical HPV testing and/or cytology remains a screening test with a low but inherent risk of false negative result. If your patient experiences any abnormal symptoms, they are advised to return for appropriate clinical investigation. HPV testing uses COBAS technology which tests for oncogenic HPV subtypes 16, 18, 31, 33, 35, 39, 45, 51, 52, 56, 58, 59, 66 and 68.

Tests Completed:
Tests Pending :

FREESTONE, MELODY MICHELLE
75 NATHAN VALLEY RD, MOUNT NATHAN. 4211
Phone: 04 16020779
Birthdate: 07/03/1976 **Sex:** F **Medicare Number:** 42526148272
Your Reference: **Lab Reference:** 24-76913132-ESR-0
Laboratory: QML Pathology
Addressee: DR JANE CHAPMAN **Referred by:** DR JANE CHAPMAN

Name of Test: ERYTHROCYTE SEDIMENT RATE
Requested: 12/08/2024 **Collected:** 19/08/2024 **Reported:** 19/08/2024 15:22

Erythrocyte Sedimentation Rate 5 mm/hr (1-20)

Tests Completed:FBC, ESR
Tests Pending :IRON STUDIES, TOTAL TESTOSTERONE, SHBG, PROGESTERONE, E2, LH
Tests Pending :FREE TESTOSTERONE, FSH, SE CORTISOL, SERUM FOLATE, SERUM VITAMIN B12
Tests Pending :SE E/LFT, SE VIT D, SE HOMOCYSTEINE, SE HDL, SE C-REACTIVE PROTEIN
Tests Pending :BL HBA1C, DHEAS

FREESTONE, MELODY MICHELLE
75 NATHAN VALLEY RD, MOUNT NATHAN. 4211
Phone: 04 16020779
Birthdate: 07/03/1976 **Sex:** F **Medicare Number:** 42526148272
Your Reference: **Lab Reference:** 24-76913132-A1C-0
Laboratory: QML Pathology
Addressee: DR JANE CHAPMAN **Referred by:** DR JANE CHAPMAN

Name of Test: HAEMOGLOBIN A1C,BLOOD
Requested: 12/08/2024 **Collected:** 19/08/2024 **Reported:** 19/08/2024 16:13

CUMULATIVE GLYCATED HAEMOGLOBIN

Date	13/10/23	19/08/24
Time	07:49	05:30
Lab No	73955857	76913132

HbA1c Fraction	5.5	5.6	%
in SI units	36	38	mmol/mol

Note: Caution is needed in interpreting HbA1c results in the presence of conditions affecting red blood cell survival times, which may lead to either falsely high or falsely low HbA1c results.

HbA1c diagnostic levels - RCPA 2014
< 6.1% (<43 mmol/mol) - current diabetes is excluded
6.1-6.4% (43-47 mmol/mol) - high risk for future diabetes
> 6.4% (>48 mmol/mol) - diabetes is likely
Unless patient has supportive symptoms or elevated plasma glucose values, repeat test is recommended.
Currently, Medicare will fund only one diagnostic test per year.

Sample may be collected at any time - fasting is not required.
Note - diabetes tolerance may be impaired by chronic illness, use of certain drugs including steroids, Cushing syndrome, etc.
We would advise considering secondary forms in newly-diagnosed patients.
For clinical enquiries, please contact Dr Appleton, Chang or Marshall

Tests Completed:FBC, BL HBA1C, ESR
Tests Pending :IRON STUDIES, TOTAL TESTOSTERONE, SHBG, PROGESTERONE, E2, LH
Tests Pending :FREE TESTOSTERONE, FSH, SE CORTISOL, SERUM FOLATE, SERUM VITAMIN B12
Tests Pending :SE E/LFT, SE VIT D, SE HOMOCYSTEINE, SE HDL, SE C-REACTIVE PROTEIN
Tests Pending :DHEAS

FREESTONE, MELODY MICHELLE
75 NATHAN VALLEY RD, MOUNT NATHAN. 4211
Phone: 04 16020779
Birthdate: 07/03/1976 **Sex:** F **Medicare Number:** 42526148272

Your Reference: **Lab Reference:** 24-76913132-HDL-0
Laboratory: QML Pathology
Addressee: DR JANE CHAPMAN **Referred by:** DR JANE CHAPMAN

Name of Test: HDL CHOLESTEROL,SERUM
Requested: 12/08/2024 **Collected:** 19/08/2024 **Reported:** 19/08/2024 21:36

CUMULATIVE LIPID RISK REPORT

Date	13/10/23	19/08/24	
Time	07:49	05:30	
Lab No	73955857	76913132	
	RANDOM	RANDOM	
			Target if HIGH RISK
Total Cholesterol	5.3	5.8	mmol/L (below 4.0)
Triglycerides	0.8	1.0	mmol/L (below 2.0)
CHOLESTEROL FRACTIONS			
HDL	1.80	1.98	mmol/L (above 1.0)
LDL (calculated)*	3.14	3.37	mmol/L (below 2.5)
Non-HDL cholesterol*	3.50	3.82	mmol/L (below 3.3)
Total/HDL ratio**	2.9	2.9	

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

76913132 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:FBC, SE E/LFT, SE HDL, SE C-REACTIVE PROTEIN, BL HBA1C, ESR
Tests Pending :IRON STUDIES, TOTAL TESTOSTERONE, SHBG, PROGESTERONE, E2, LH
Tests Pending :FREE TESTOSTERONE, FSH, SE CORTISOL, SERUM FOLATE, SERUM VITAMIN B12
Tests Pending :SE VIT D, SE HOMOCYSTEINE, DHEAS

FREESTONE, MELODY MICHELLE
75 NATHAN VALLEY RD, MOUNT NATHAN. 4211
Phone: 04 16020779
Birthdate: 07/03/1976 **Sex:** F **Medicare Number:** 42526148272
Your Reference: **Lab Reference:** 24-76913132-25T-0
Laboratory: QML Pathology
Addressee: DR JANE CHAPMAN **Referred by:** DR JANE CHAPMAN

Name of Test: E/LFT (MASTER)
Requested: 12/08/2024 **Collected:** 19/08/2024 **Reported:** 19/08/2024 21:36

CUMULATIVE SERUM BIOCHEMISTRY

Date	19/01/22	15/08/22	13/10/23	19/08/24	
Time	07:30	08:40	07:49	05:30	
Lab No	69259514	70883111	73955857	76913132	
	FASTING	FASTING	RANDOM	RANDOM	RANDOM
Sodium	140	140	141	139	mmol/L (137-147)
Potass.	4.0	3.9	4.3	4.4	mmol/L (3.5-5.0)
Chloride	105	104	104	106	mmol/L (96-109)
Bicarb	28	29	30	29	mmol/L (25-33)
An.Gap	11	11	11	8	mmol/L (4-17)
Gluc	4.9	5.0	5.0	4.9	mmol/L (3.0-7.7)
Urea	6.0	5.8	5.6	6.6	mmol/L (2.0-7.0)
Creat	69	54	63	70	umol/L (40-110)
eGFR	90	> 90	> 90	88	mL/min (over 59)
Urate	0.25	0.20	0.19	0.27	mmol/L (0.14-0.35)
T.Bili	8	7	8	8	umol/L (2-20)
Alk.P	79	67	70	77	U/L (30-115)
GGT	12	13	10	14	U/L (0-45)
ALT	17	18	14	18	U/L (0-45)

AST	24	23	20	24	U/L (0-41)
LD	127	135	140	155	U/L (80-250)
Calcium	2.32		2.22	2.39	mmol/L (2.15-2.60)
Corr.Ca	2.31		2.26	2.32	mmol/L (2.15-2.60)
Phos	1.1		1.2	1.0	mmol/L (0.8-1.5)
T.Prot	68	66	64	70	g/L (60-82)
Alb	43	42	41	45	g/L (35-50)
Glob	25	24	23	25	g/L (20-40)
Chol	6.4	6.1	5.3	5.8	mmol/L (3.6-6.9)
Trig	1.5	1.8	0.8	1.0	mmol/L (0.3-4.0)
Lab No	69259514	70883111	73955857	76913132	
Date	19/01/22	15/08/22	13/10/23	19/08/24	

Tests Completed:FBC, SE E/LFT, SE HDL, SE C-REACTIVE PROTEIN, BL HBA1C, ESR
 Tests Pending :IRON STUDIES, TOTAL TESTOSTERONE, SHBG, PROGESTERONE, E2, LH
 Tests Pending :FREE TESTOSTERONE, FSH, SE CORTISOL, SERUM FOLATE, SERUM VITAMIN B12
 Tests Pending :SE VIT D, SE HOMOCYSTEINE, DHEAS

FREESTONE, MELODY MICHELLE
 75 NATHAN VALLEY RD, MOUNT NATHAN. 4211
 Phone: 04 16020779
 Birthdate: 07/03/1976 Sex: F Medicare Number: 42526148272
 Your Reference: Lab Reference: 24-76913132-CRP-0
 Laboratory: QML Pathology
 Addressee: DR JANE CHAPMAN Referred by: DR JANE CHAPMAN

Name of Test: C REACTIVE PROTEIN
 Requested: 12/08/2024 Collected: 19/08/2024 Reported: 19/08/2024 21:36

CUMULATIVE SERUM COMPLEMENT AND C-REACTIVE PROTEIN (CRP)
 Date 19/08/24
 Time 05:30
 Lab No 76913132

CRP < 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:FBC, SE E/LFT, SE HDL, SE C-REACTIVE PROTEIN, BL HBA1C, ESR
 Tests Pending :IRON STUDIES, TOTAL TESTOSTERONE, SHBG, PROGESTERONE, E2, LH
 Tests Pending :FREE TESTOSTERONE, FSH, SE CORTISOL, SERUM FOLATE, SERUM VITAMIN B12
 Tests Pending :SE VIT D, SE HOMOCYSTEINE, DHEAS

FREESTONE, MELODY MICHELLE
 75 NATHAN VALLEY RD, MOUNT NATHAN. 4211
 Phone: 04 16020779
 Birthdate: 07/03/1976 Sex: F Medicare Number: 42526148272
 Your Reference: Lab Reference: 24-76913132-ISM-0
 Laboratory: QML Pathology
 Addressee: DR JANE CHAPMAN Referred by: DR JANE CHAPMAN

Name of Test: MASTER IRON STUDIES
 Requested: 12/08/2024 Collected: 19/08/2024 Reported: 19/08/2024 21:46

CUMULATIVE IRON STUDIES
 Date 13/10/23 19/08/24
 Time 07:49 05:30
 Lab No 73955857 76913132

Iron	9	12	umol/L	(10-33)
TIBC	52	59	umol/L	(45-70)

Saturation 17 20 % (16-50)
Ferritin 42 40 ug/L (25-290)

76913132 **Comment:**

Low-normal iron stores.

A functional deficiency may exist in chronic disease states such as chronic kidney disease (CKD) or disorders of Erythropoiesis.

Tests Completed:IRON STUDIES, FBC, SERUM FOLATE, SERUM VITAMIN B12, SE E/LFT, SE HDL
Tests Completed:SE C-REACTIVE PROTEIN, BL HBA1C, ESR
Tests Pending :TOTAL TESTOSTERONE, SHBG, PROGESTERONE, E2, LH, FREE TESTOSTERONE, FSH
Tests Pending :SE CORTISOL, SE VIT D, SE HOMOCYSTEINE, DHEAS

FREESTONE, MELODY MICHELLE
75 NATHAN VALLEY RD, MOUNT NATHAN. 4211
Phone: 04 16020779
Birthdate: 07/03/1976 **Sex:** F **Medicare Number:** 42526148272
Your Reference: **Lab Reference:** 24-76913132-BFM-0
Laboratory: QML Pathology
Addressee: DR JANE CHAPMAN **Referred by:** DR JANE CHAPMAN

Name of Test: MASTER VITAMIN B12 FOLATE
Requested: 12/08/2024 **Collected:** 19/08/2024 **Reported:** 19/08/2024 21:46

CUMULATIVE VITAMIN B12 AND FOLATE ASSAYS
Date 13/10/23 19/08/24
Time 07:49 05:30
Lab No 73955857 76913132

B12 Total 502 494 pmol/L (162-811)
S.Fol. > 54.0 47.0 nmol/L (8.4-55.0)

Comment:

76913132

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.

Tests Completed:IRON STUDIES, FBC, SERUM FOLATE, SERUM VITAMIN B12, SE E/LFT, SE HDL
Tests Completed:SE C-REACTIVE PROTEIN, BL HBA1C, ESR
Tests Pending :TOTAL TESTOSTERONE, SHBG, PROGESTERONE, E2, LH, FREE TESTOSTERONE, FSH
Tests Pending :SE CORTISOL, SE VIT D, SE HOMOCYSTEINE, DHEAS

FREESTONE, MELODY MICHELLE
75 NATHAN VALLEY RD, MOUNT NATHAN. 4211
Phone: 04 16020779
Birthdate: 07/03/1976 **Sex:** F **Medicare Number:** 42526148272
Your Reference: **Lab Reference:** 24-76913132-HOM-0
Laboratory: QML Pathology
Addressee: DR JANE CHAPMAN **Referred by:** DR JANE CHAPMAN

Name of Test: HOMOCYSTEINE, SERUM
Requested: 12/08/2024 **Collected:** 19/08/2024 **Reported:** 19/08/2024 22:01

CUMULATIVE SERUM HOMOCYSTEINE

Date 19/08/24
Time 05:30
Lab No 76913132

Homocysteine 9.9 umol/L (0.0-15.0)

76913132 High normal value.

With this level, the heterozygous state for defects of transsulphuration (homocysteinaemia) is unlikely. However the risk of coronary artery disease may be mildly elevated over the baseline. This is independent of other risk factors.

Homocysteine Related Risk

Plasma level (umol/L)	Risk Average
Below 9.0	No increase
9.0 - 14.9	x 2
15.0 - 19.9	x 3
20.0 or greater	x 4.5

Risks approximated from New Eng J Med 1997 (337:230-236)

Tests Completed:IRON STUDIES, FBC, SERUM FOLATE, SERUM VITAMIN B12, SE E/LFT

Tests Completed:SE HOMOCYSTEINE, SE HDL, SE C-REACTIVE PROTEIN, BL HBA1C, ESR

Tests Pending :TOTAL TESTOSTERONE, SHBG, PROGESTERONE, E2, LH, FREE TESTOSTERONE, FSH

Tests Pending :SE CORTISOL, SE VIT D, DHEAS

FREESTONE, MELODY MICHELLE

75 NATHAN VALLEY RD, MOUNT NATHAN. 4211

Phone: 04 16020779

Birthdate: 07/03/1976 Sex: F Medicare Number: 42526148272

Your Reference: Lab Reference: 24-76913132-DHE-0

Laboratory: QML Pathology

Addressee: DR JANE CHAPMAN Referred by: DR JANE CHAPMAN

Name of Test: DHE-S

Requested: 12/08/2024 Collected: 19/08/2024 Reported: 19/08/2024 22:06

CUMULATIVE DEHYDROEPIANDROSTERONE-SULPHATE

Date 02/07/19 19/08/24
Time 00:00 05:30
Lab No 69930550 76913132

DHEAS 5.4 5.7 umol/L (0.5-7.3)

DHEAS 2000 2100 ng/mL (200-2700)

Tests Completed:IRON STUDIES, FBC, SERUM FOLATE, SERUM VITAMIN B12, SE E/LFT

Tests Completed:SE HOMOCYSTEINE, SE HDL, SE C-REACTIVE PROTEIN, BL HBA1C, ESR, DHEAS

Tests Pending :TOTAL TESTOSTERONE, SHBG, PROGESTERONE, E2, LH, FREE TESTOSTERONE, FSH

Tests Pending :SE CORTISOL, SE VIT D

FREESTONE, MELODY MICHELLE

75 NATHAN VALLEY RD, MOUNT NATHAN. 4211

Phone: 04 16020779

Birthdate: 07/03/1976 Sex: F Medicare Number: 42526148272

Your Reference: Lab Reference: 24-76913132-VD-0

Laboratory: QML Pathology

Addressee: DR JANE CHAPMAN Referred by: DR JANE CHAPMAN

Name of Test: VITAMIN D,SERUM

Requested: 12/08/2024 Collected: 19/08/2024 Reported: 19/08/2024 22:48

CUMULATIVE SERUM VITAMIN D

Date 13/10/23 19/08/24
Time 07:49 05:30
Lab No 73955857 76913132
Vitamin D3 74 72 nmol/L (> 49)

76913132

** Progress report.

Tests Completed: IRON STUDIES, FBC, SERUM FOLATE, SERUM VITAMIN B12, SE E/LFT, SE VIT D
Tests Completed: SE HOMOCYSTEINE, SE HDL, SE C-REACTIVE PROTEIN, BL HBA1C, ESR, DHEAS
Tests Pending : TOTAL TESTOSTERONE, SHBG, PROGESTERONE, E2, LH, FREE TESTOSTERONE, FSH
Tests Pending : SE CORTISOL

FREESTONE, MELODY MICHELLE
75 NATHAN VALLEY RD, MOUNT NATHAN. 4211
Phone: 04 16020779
Birthdate: 07/03/1976 Sex: F Medicare Number: 42526148272
Your Reference: Lab Reference: 24-76913132-CBC-0
Laboratory: QML Pathology
Addressee: DR JANE CHAPMAN Referred by: DR JANE CHAPMAN

Name of Test: MASTER FULL BLOOD COUNT
Requested: 12/08/2024 Collected: 19/08/2024 Reported: 19/08/2024 14:39

CUMULATIVE FULL BLOOD EXAMINATION

Date	19/01/22	15/08/22	13/10/23	19/08/24		
Time	07:30	08:40	07:49	05:30		
Lab No	69259514	70883111	73955857	76913132		
Hb	134	131	128	132	g/L	(115-160)
RCC	4.9	4.8	4.9	5.1	x10 ^12 /L	(3.6-5.2)
Hct	0.42	0.40	0.41	0.41		(0.33-0.46)
MCV	84	84	83	81	fL	(80-98)
MCH	27	28	26	26	pg	(27-35)
Plats	190	179	202	203	x10 ^9 /L	(150-450)
WCC	5.8	5.5	6.3	5.9	x10 ^9 /L	(4.0-11.0)
Neuts	2.4	3.0	3.7	56 % 3.3	x10 ^9 /L	(2.0-7.5)
Lymphs	2.8	2.0	2.0	36 % 2.1	x10 ^9 /L	(1.1-4.0)
Monos	0.4	0.4	0.4	6 % 0.4	x10 ^9 /L	(0.2-1.0)
Eos	0.12	0.11	0.06	2 % 0.12	x10 ^9 /L	(0.04-0.40)
Basos	0.06	0.00	0.06	0 % 0.00	x10 ^9 /L	(< 0.21)
E.S.R.				pending	mm/hr	(1-20)

76913132 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.

Minor Hypochromia. Correlate with Iron status.

** FINAL REPORT - Please destroy previous report **

Tests Completed: FBC
Tests Pending : IRON STUDIES, TOTAL TESTOSTERONE, SHBG, PROGESTERONE, E2, LH
Tests Pending : FREE TESTOSTERONE, FSH, SE CORTISOL, SERUM FOLATE, SERUM VITAMIN B12
Tests Pending : SE E/LFT, SE VIT D, SE HOMOCYSTEINE, SE HDL, SE C-REACTIVE PROTEIN
Tests Pending : BL HBA1C, ESR, DHEAS

FREESTONE, MELODY MICHELLE
75 NATHAN VALLEY RD, MOUNT NATHAN. 4211
Phone: 04 16020779
Birthdate: 07/03/1976 Sex: F Medicare Number: 42526148272
Your Reference: Lab Reference: 24-76913132-COR-0
Laboratory: QML Pathology
Addressee: DR JANE CHAPMAN Referred by: DR JANE CHAPMAN

Name of Test: ADRENAL MASTER
Requested: 12/08/2024 Collected: 19/08/2024 Reported: 20/08/2024 01:17

ADRENAL STUDIES

Serum Cortisol 240 nmol/L 8am (220-720)
Collection time: 5:30 am

Tests Completed: IRON STUDIES, SE CORTISOL, FBC, SERUM FOLATE, SERUM VITAMIN B12
Tests Completed: SE E/LFT, SE VIT D, SE HOMOCYSTEINE, SE HDL, SE C-REACTIVE PROTEIN
Tests Completed: BL HBA1C, ESR, DHEAS
Tests Pending : TOTAL TESTOSTERONE, SHBG, PROGESTERONE, E2, LH, FREE TESTOSTERONE, FSH

FREESTONE, MELODY MICHELLE
75 NATHAN VALLEY RD, MOUNT NATHAN. 4211
Phone: 04 16020779
Birthdate: 07/03/1976 Sex: F Medicare Number: 42526148272
Your Reference: Lab Reference: 24-76913132-FHM-0
Laboratory: QML Pathology
Addressee: DR JANE CHAPMAN Referred by: DR JANE CHAPMAN

Name of Test: FERTILITY HORMONE MASTER
Requested: 12/08/2024 Collected: 19/08/2024 Reported: 20/08/2024 01:30

CUMULATIVE FERTILITY HORMONES

Date	25/05/21	19/01/22	15/08/22	13/10/23	19/08/24
Time	10:05	07:30	08:40	07:49	05:30
Lab No	29616838	69259514	70883111	73955857	76913132

LH				46	75	IU/L
FSH	8	21	20	40	130	IU/L
E2		320		340	<43	pmol/L
Prog		2		2	1	nmol/L
Testo.					0.7	nmol/L (0.4-2.1)
fTesto.c					6	pmol/L (4-21)
SHBG					84	nmol/L (18-114)

Ranges:	Follicular Phase	Midcycle Peak	Luteal Phase	Post-Menopausal
LH	2 - 12	10 - 130	1 - 17	15 - 60
FSH	1 - 10	3 - 33	1 - 9	20 - 140
Oestradiol	70 - 530	230 - 1310	200 - 790	< 120
Progesterone	< 5	rising	20 - 110	< 3

76913132 This pattern of high Gonadotrophins and low Oestradiol indicates increased Ovarian resistance of menopause.
After recent cessation of periods, sporadic ovulation may still occur for 1-2 years in a small proportion of women.

Tests Completed: IRON STUDIES, TOTAL TESTOSTERONE, SHBG, PROGESTERONE, E2, LH
Tests Completed: FREE TESTOSTERONE, FSH, SE CORTISOL, FBC, SERUM FOLATE
Tests Completed: SERUM VITAMIN B12, SE E/LFT, SE VIT D, SE HOMOCYSTEINE, SE HDL
Tests Completed: SE C-REACTIVE PROTEIN, BL HBA1C, ESR, DHEAS
Tests Pending :