

MAHDIYAN, KHADIJEH
 10 MARINER AVE, HOPE ISLAND. 4212
Phone: 0413224853
Birthdate: 20/04/1982 **Sex:** F **Medicare Number:** 4313470027
Your Reference: ACFEA38C02 **Lab Reference:** 530295829-C-C847
Laboratory: SNP
Addressee: DR HTIN A KYAW **Referred by:** DR HTIN A KYAW

Name of Test: S- LIPID PROFILE
Requested: 05/08/2025 **Collected:** 05/08/2025 **Reported:** 06/08/2025
 05:50

Clinical notes: ?perimenopausal

Clinical Notes : ?perimenopausal

Lipid Profile

Date	Latest Results			Reference	Units
	07-Sep-20	29-Oct-24	05-Aug-25		
Time F-Fast	0924 F	1252	1126		
Lab Id.	654320199	682707707	530295829		
Cholesterol	4.1	3.8	4.2	(<5.6)	mmol/L
Triglyceride	0.6	0.7	1.0	(<2.1)	mmol/L
HDL	1.10	1.19	1.15	(>1.09)	mmol/L
LDL	2.7	2.3	2.6	(<4.1)	mmol/L
Chol/HDL Ratio	3.7	3.2	3.7	(<4.6)	
Non HDLC	3.00	2.61	3.05	(<3.81)	mmol/L

Comments on Collection 05-Aug-25 1126:

HDL-Cholesterol

LDL is now calculated by the Sampson equation which allows an accurate result at higher triglyceride levels.

The National Vascular Disease Prevention Alliance (NVDPA) guidelines recommend a target level of less than 2.5 mmol/L for non-HDLC.

TARGET LEVELS:

The National Vascular Disease Prevention Alliance (NVDPA) treatment target levels for high risk people (known coronary heart and other arterial disease, diabetes, chronic renal failure, Aboriginal and Torres Strait Islander peoples and familial hyperlipidaemic conditions) are:

Total Cholesterol	<4.0	mmol/L
HDL-Cholesterol	>=1.00	mmol/L
Fasting Triglycerides	<2.0	mmol/L
Non-HDL Cholesterol	<2.5	mmol/L

Increased non-HDL Cholesterol is the most significant marker for subclinical atherosclerosis (ref: Cardiology Today 2013; 3(2) : pp25-27).

CA

Sullivan Nicolaides Pty Ltd. ABN 38 078 202 196. NATA/RCPA Accreditation No 1964

Tests Completed: HDL-Cholesterol, Iron Studies, E/LFT, TSH, Vitamin B12, LH, FSH, Oestradiol, Vitamin D, HbA1c, FBE

Tests Pending : AMH (Roche Plus)

Sample Pending :

MAHDIYAN, KHADIJEH
 10 MARINER AVE, HOPE ISLAND. 4212
Phone: 0413224853

Birthdate: 20/04/1982 **Sex:** F **Medicare Number:** 4313470027
Your Reference: ACFEA38C02 **Lab Reference:** 530295829-C-H245
Laboratory: SNP
Addressee: DR HTIN A KYAW **Referred by:** DR HTIN A KYAW

Name of Test: .ANAEMIA
Requested: 05/08/2025 **Collected:** 05/08/2025 **Reported:** 06/08/2025
05:50

Clinical notes: ?perimenopausal

Clinical Notes : ?perimenopausal

Haematinics

Date			Latest Results		Reference	Units
	07-Sep-20	29-Oct-24	05-Aug-25			
Time F-Fast	0924 F	1252	1126			
Lab Id.	654320199	682707707	530295829			
Iron	15	12	6	(5-30)		umol/L
Transferrin	2.4	2.6	2.5	(1.9-3.1)		g/L
TIBC	61	66	64	(47-77)		umol/L
Trans Sat	25	18 L	9 L	(20-45)		%
Ferritin	47	61	52	(30-250)		ug/L
Vitamin B12	271	809	1330	(>150)		pmol/L
Active B12	54			(>35)		pmol/L

Comments on Collection 05-Aug-25 1126:

Iron Studies

The normal ferritin implies normal iron stores. However, a normal ferritin level may be seen in iron deficient patients who have recently taken oral iron, or who have an intercurrent illness causing ferritin elevation.

B12 deficiency is unlikely.

If the patient has a haematological malignancy or uses nitrous oxide recreationally consider measuring homocysteine or methylmalonic acid (MMA) as total B12 can be falsely normal. MMA incurs an out of pocket cost.

EA

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Tests Completed: HDL-Cholesterol, Iron Studies, E/LFT, TSH, Vitamin B12, LH, FSH, Oestradiol, Vitamin D, HbA1c, FBE

Tests Pending : AMH (Roche Plus)

Sample Pending :

MAHDIYAN, KHADIJEH
10 MARINER AVE, HOPE ISLAND. 4212

Phone: 0413224853

Birthdate: 20/04/1982 **Sex:** F **Medicare Number:** 4313470027

Your Reference: ACFEA38C02 **Lab Reference:** 530295829-C-C140

Laboratory: SNP

Addressee: DR HTIN A KYAW **Referred by:** DR HTIN A KYAW

Name of Test: S-ROUTINE CHEMISTRY

Requested: 05/08/2025 **Collected:** 05/08/2025 **Reported:** 06/08/2025
05:50

Clinical notes: ?perimenopausal

Clinical Notes : ?perimenopausal

Chemistry (serum)

Date	07-Sep-20 29-Oct-24		Latest Results		Reference	Units
	Time F-Fast		05-Aug-25			
Lab Id.	0924 F	1252	1126			
	654320199	682707707	530295829			
Sodium	138	142	141	(135-145)		mmol/L
Potassium	4.1	4.0	4.7	(3.5-5.5)		mmol/L
Chloride	107	106	106	(95-110)		mmol/L
Bicarbonate	24	26	26	(20-32)		mmol/L
Anion Gap	7	10	9	(<16)		mmol/L
Calcium (Corr.)	2.26	2.28	2.27	(2.10-2.60)		mmol/L
Phosphate	1.03	1.21	1.07	(0.80-1.50)		mmol/L
Urea	2.5	3.9	3.2	(2.5-7.0)		mmol/L
Urate	0.230	0.199	0.193	(0.150-0.400)		mmol/L
Creatinine	56	56	57	(45-85)		umol/L
eGFR	>90	>90	>90	(>59)		
Fast. Glucose	5.1			(3.6-6.0)		mmol/L
Random Glucose		4.7	6.0	(3.6-7.7)		mmol/L
Total Protein	69	72	69	(64-81)		g/L
Albumin	38	41	37	(33-46)		g/L
Globulin	31	31	32	(23-43)		g/L
T Bilirubin	7	<5	<5	(<16)		umol/L
ALP	57	66	61	(20-105)		U/L
AST	37 H	18	15	(10-35)		U/L
ALT	20	16	12	(5-30)		U/L
GGT	10	14	10	(5-35)		U/L
LD	214	189	161	(<250)		U/L
Cholesterol	4.1	3.8	4.2	(<5.6)		mmol/L
Triglyceride	0.6	0.7	1.0	(<2.1)		mmol/L
Haemolysis Index	19	2	5	(<40)		mg/dL

CA

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Tests Completed: HDL-Cholesterol, Iron Studies, E/LFT, TSH, Vitamin B12, LH, FSH, Oestradiol, Vitamin D, HbA1c, FBE

Tests Pending : AMH (Roche Plus)

Sample Pending :

MAHDIYAN, KHADIJEH
10 MARINER AVE, HOPE ISLAND. 4212

Phone: 0413224853

Birthdate: 20/04/1982 Sex: F Medicare Number: 4313470027

Your Reference: ACFEA38C02 Lab Reference: 530295829-E-E030

Laboratory: SNP

Addressee: DR HTIN A KYAW Referred by: DR HTIN A KYAW

Name of Test: S- THYROID FUNCTION

Requested: 05/08/2025 Collected: 05/08/2025 Reported: 06/08/2025
05:50

Clinical notes: ?perimenopausal

Clinical Notes : ?perimenopausal

Thyroid Function Tests

			Latest Results		
Date	07-Sep-20	29-Oct-24	05-Aug-25		
Time F-Fast	0924 F	1252	1126		
Lab Id.	654320199	682707707	530295829	Reference	Units
TSH	2.5	2.0	1.3	(0.3-3.5)	mIU/L

Comments on Collection 05-Aug-25 1126:
Euthyroid

EA

Sullivan Nicolaides Pty Ltd. ABN 38 078 202 196. NATA/RCPA Accreditation No 1964

Tests Completed: HDL-Cholesterol, Iron Studies, E/LFT, TSH, Vitamin B12,
LH, FSH, Oestradiol, Vitamin D, HbA1c, FBE
Tests Pending : AMH (Roche Plus)
Sample Pending :

MAHDIYAN, KHADIJEH
10 MARINER AVE, HOPE ISLAND. 4212
Phone: 0413224853
Birthdate: 20/04/1982 Sex: F Medicare Number: 4313470027
Your Reference: ACFEA38C02 Lab Reference: 530295829-E-E199
Laboratory: SNP
Addressee: DR HTIN A KYAW Referred by: DR HTIN A KYAW

Name of Test: S- FERTILITY HORMONES
Requested: 05/08/2025 Collected: 05/08/2025 Reported: 06/08/2025
05:50

Clinical notes: ?perimenopausal

Clinical Notes : ?perimenopausal

Reproductive Hormones

			Latest Results		
Date	07-Sep-20		05-Aug-25		
Time F-Fast	0924 F		1126		
Lab Id.	654320199		530295829	Reference	Units
FSH	14		15		IU/L
LH	18		5		IU/L
Oestradiol	121		109		pmol/L
Progesterone	3.4				nmol/L

Reference	FSH	LH	Oestradiol
Limits	IU/L	IU/L	pmol/L
Follicular	2 - 10	2 - 7	110 - 180
Mid-Cycle	7 - 24	9 - 74	550 - 1650
Luteal	1 - 10	1 - 9	180 - 840
Menopausal	20 - 140	10 - 65	<200
OCP	<5	<9	<80

Comments on Collection 05-Aug-25 1126:
Falsely elevated Abbott oestradiol levels may be seen in patients on
fulvestrant, mifepristone or abemaciclib.

EA

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Tests Completed: HDL-Cholesterol,Iron Studies,E/LFT,TSH,Vitamin B12,
LH,FSH,Oestradiol,Vitamin D,HbA1c,FBE
Tests Pending : AMH (Roche Plus)
Sample Pending :

MAHDIYAN, KHADIJEH
10 MARINER AVE, HOPE ISLAND. 4212
Phone: 0413224853
Birthdate: 20/04/1982 **Sex:** F **Medicare Number:** 4313470027
Your Reference: ACFEA38C02 **Lab Reference:** 530295829-E-E935
Laboratory: SNP
Addressee: DR HTIN A KYAW **Referred by:** DR HTIN A KYAW

Name of Test: .VIRTUAL VITD
Requested: 05/08/2025 **Collected:** 05/08/2025 **Reported:** 06/08/2025
05:50

Clinical notes: ?perimenopausal

Clinical Notes : ?perimenopausal

Vitamin D

		Latest Results		
Date	29-Oct-24	05-Aug-25		
Time	1252	1126		
Lab Id.	682707707	530295829	Reference	Units
25OH Vit D	133	114	(50-150)	nmol/L

Comments on Collection 05-Aug-25 1126:
Adequate Vitamin D.
Vitamin D measured by Diasorin Liaison.

EA

Sullivan Nicolaides Pty Ltd. ABN 38 078 202 196. NATA/RCPA Accreditation No 1964

Tests Completed: HDL-Cholesterol,Iron Studies,E/LFT,TSH,Vitamin B12,
LH,FSH,Oestradiol,Vitamin D,HbA1c,FBE
Tests Pending : AMH (Roche Plus)
Sample Pending :

MAHDIYAN, KHADIJEH
10 MARINER AVE, HOPE ISLAND. 4212
Phone: 0413224853
Birthdate: 20/04/1982 **Sex:** F **Medicare Number:** 4313470027
Your Reference: ACFEA38C02 **Lab Reference:** 530295829-H-E416
Laboratory: SNP
Addressee: DR HTIN A KYAW **Referred by:** DR HTIN A KYAW

Name of Test: HBA1C
Requested: 05/08/2025 **Collected:** 05/08/2025 **Reported:** 06/08/2025
05:50

Clinical notes: ?perimenopausal

Clinical Notes : ?perimenopausal

HbA1c

		Latest Results		
Date	29-Oct-24	05-Aug-25		
Time	1252	1126		
Lab Id.	682707707	530295829	Reference	Units

HbA1c (NGSP)	5.5	5.4	(<6.5)	%
HbA1c (IFCC)	36	36	(<48)	
mmol/mol				

Comments on Collection 05-Aug-25 1126:
The Australian Diabetes Society recommends a general target HbA1c of $\leq 7.0\%$ (53 mmol/mol) however this target should be individualised appropriately.
Suggest repeat every 3 to 6 months depending on clinical context.

Ref: Australian Diabetes Society Type 2 Diabetes Glycaemic Management Algorithm 2024.
HbA1c measured by capillary electrophoresis (Sebia Cap3).

HA

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Sullivan Nicolaides Pty Ltd. ABN 38 078 202 196. NATA/RCPA Accreditation No 1964

Tests Completed: HDL-Cholesterol, Iron Studies, E/LFT, TSH, Vitamin B12,
LH, FSH, Oestradiol, Vitamin D, HbA1c, FBE
Tests Pending : AMH (Roche Plus)
Sample Pending :

MAHDIYAN, KHADIJEH
10 MARINER AVE, HOPE ISLAND. 4212
Phone: 0413224853
Birthdate: 20/04/1982 **Sex:** F **Medicare Number:** 4313470027
Your Reference: ACFEA38C02 **Lab Reference:** 530295829-H-H900
Laboratory: SNP
Addressee: DR HTIN A KYAW **Referred by:** DR HTIN A KYAW

Name of Test: .BLOOD COUNT
Requested: 05/08/2025 **Collected:** 05/08/2025 **Reported:** 06/08/2025
05:50

Clinical notes: ?perimenopausal

Clinical Notes : ?perimenopausal

Haematology

Latest Results

Date	07-Sep-20	29-Oct-24	05-Aug-25		
Time F-Fast	0924 F	1252	1126		
Lab Id.	654320199	682707707	530295829	Reference	Units
Haemoglobin	121	123	119	(115-165)	g/L
Haematocrit	0.36	0.37	0.36	(0.35-0.47)	
RCC	4.3	4.5	4.3	(3.9-5.6)	10*12/L
MCV	85	83	86	(80-100)	fL
WCC	5.6	7.0	6.5	(3.5-12.0)	10*9/L
Neutrophils	3.44	3.73	4.35	(1.5-8.0)	10*9/L
Lymphocytes	1.41	2.19	1.52	(1.0-4.0)	10*9/L
Monocytes	0.36	0.39	0.41	(0-0.9)	10*9/L
Eosinophils	0.34	0.62 H	0.15	(0-0.6)	10*9/L
Basophils	0.05	0.06	0.05	(0-0.15)	10*9/L
Platelets	290	274	300	(150-400)	10*9/L

HA

Sullivan Nicolaides Pty Ltd. ABN 38 078 202 196. NATA/RCPA Accreditation No 1964

Tests Completed: HDL-Cholesterol, Iron Studies, E/LFT, TSH, Vitamin B12, LH, FSH, Oestradiol, Vitamin D, HbA1c, FBE
 Tests Pending : AMH (Roche Plus)
 Sample Pending :

MAHDIYAN, KHADIJEH
 10 MARINER AVE, HOPE ISLAND. 4212
 Phone: 0413224853
 Birthdate: 20/04/1982 Sex: F Medicare Number: 4313470027
 Your Reference: ACFEA38C02 Lab Reference: 530295829-E-E823
 Laboratory: SNP
 Addressee: DR HTIN A KYAW Referred by: DR HTIN A KYAW

Name of Test: _AMH VIRTUAL
 Requested: 05/08/2025 Collected: 05/08/2025 Reported: 06/08/2025
 09:51

Clinical notes: ?perimenopausal

Clinical Notes : ?perimenopausal

AMH

		Latest Results		
Date	11-Jun-14	05-Aug-25		
Time	1800	1126		
Lab Id.	597192088	530295829	Reference	Units
AMH (Roche Plus)		<0.2 L	(0.2-39.1)	pmol/L
AMH (Beckman)	8.5 L		(14-30)	pmol/L

Comments on Collection 05-Aug-25 1126:
 The reference interval quoted above for the Roche AMH Plus assay is the age-related 2.5 - 97.5 percentile.

Generally accepted fertility criteria (not age-related):
 <11.0 pmol/L: Suggestive of reduced ovarian reserve
 >24.0 pmol/L: Indicates the possibility of
 1. Polycystic Ovarian Syndrome
 2. In post-menopausal females - granulosa cell tumour
 3. Increased risk of Ovarian Hyperstimulation

Syndrome in a stimulated cycle

AMH is produced by the granulosa cells of developing follicles, and provides an estimate of the number of primordial follicles. Particularly in younger women, a low AMH level does not exclude the possibility of fertility.

Levels may be decreased in the latter part of the menstrual cycle and by the OC pill.

SS

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Sullivan Nicolaides Pty Ltd. ABN 38 078 202 196. NATA/RCPA Accreditation No 1964

Tests Completed: HDL-Cholesterol, Iron Studies, E/LFT, TSH, Vitamin B12, LH, FSH, Oestradiol, Vitamin D, HbA1c, AMH (Roche Plus), FBE

Tests Pending :

Sample Pending :

MAHDIYAN, KHADIJEH
10 MARINER AVE, HOPE ISLAND. 4212
Phone: 0413224853
Birthdate: 20/04/1982 **Sex:** F **Medicare Number:** 4313470027
Your Reference: ACFEA38C02 **Lab Reference:** 530295829-V-V063
Laboratory: SNP
Addressee: DR HTIN A KYAW **Referred by:** DR HTIN A KYAW

Name of Test: .AMHR Graph
Requested: 05/08/2025 **Collected:** 05/08/2025 **Reported:** 06/08/2025
09:51

Clinical notes: ?perimenopausal

Clinical Notes : ?perimenopausal

SS

PDF Image Enhanced Report

A PDF version of this report with images is available until 06-08-2026. Copy and paste the URL below into your web browser and use PIN 6939 to access the report.

<https://sdrviewer.apps.sonichealthcare.com/?GUID=1BA0CBBC-7257-11F0-A6CE-910523733610&hostCode=SNP&shareType=1>

Sullivan Nicolaides Pty Ltd. ABN 38 078 202 196. NATA/RCPA Accreditation No 1964

Tests Completed: HDL-Cholesterol, Iron Studies, E/LFT, TSH, Vitamin B12,

Tests Pending : LH,FSH,Oestradiol,Vitamin D,HbA1c,AMH (Roche Plus),FBE
Sample Pending :