

Patient Health Summary

Name: Miss Evie Morse

Integrated Medical Health Gold Coast

Address: 222 Simpsons Road

Currumbin Waters 4223

D.O.B.: 18/09/2007

Record No.: 5261

Home Phone:

Work Phone:

Mobile Phone: 0404255534

Printed on 07/07/2023

Investigations:

MORSE, EVIE
222 SIMPSONS RD, CURRUMBIN VALLEY. 4223
Phone: 04 04255534
Birthdate: 18/09/2007 **Sex:** F **Medicare Number:** 41887181024
Your Reference: **Lab Reference:** 23-72452534-THY-0
Laboratory: 2184
Addressee: DR PING JAAKWEЕ **Referred by:** DR PING JAAKWEЕ

Name of Test: THYROID TEST MASTER
Requested: 28/06/2023 **Collected:** 05/07/2023 **Reported:** 05/07/2023 14:32

CUMULATIVE SERUM THYROID FUNCTION TESTS

Date	10/01/22	05/07/23
Time	09:10	07:07
Lab No	69092824	72452534
TSH	1.1	1.5 mIU/L (0.50-4.00)

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

Tests Completed:TSH, SE E/LFT, SE HDL, SE MG

Tests Pending :SERUM FERRITIN, SE CORTISOL, FBC, SERUM VITAMIN B12, SE ZINC, SE VIT D

Tests Pending :BL HBA1C, DHEAS

MORSE, EVIE
222 SIMPSONS RD, CURRUMBIN VALLEY. 4223
Phone: 04 04255534
Birthdate: 18/09/2007 **Sex:** F **Medicare Number:** 41887181024
Your Reference: **Lab Reference:** 23-72452534-HDL-0
Laboratory: 2184
Addressee: DR PING JAAKWEЕ **Referred by:** DR PING JAAKWEЕ

Name of Test: HDL CHOLESTEROL,SERUM
Requested: 28/06/2023 **Collected:** 05/07/2023 **Reported:** 05/07/2023 14:32

CUMULATIVE LIPID RISK REPORT

Date	05/07/23
Time	07:07
Lab No	72452534
	FASTING

Target if

Total Cholesterol HIGH RISK
Triglycerides 5.0 mmol/L (below 4.0)
1.0 mmol/L (below 2.0)

CHOLESTEROL FRACTIONS

HDL 1.03 mmol/L (above 1.0)
LDL (calculated)* 3.52 mmol/L (below 2.5)
Non-HDL cholesterol* 3.97 mmol/L (below 3.3)
Total/HDL ratio** 4.9

* 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"

72452534 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, SE E/LFT, SE HDL, SE MG

Tests Pending :SERUM FERRITIN, SE CORTISOL, FBC, SERUM VITAMIN B12, SE ZINC, SE VIT D

Tests Pending :BL HbA1C, DHEAS

MORSE, EVIE
222 SIMPSONS RD, CURRUMBIN VALLEY. 4223
Phone: 04 04255534
Birthdate: 18/09/2007 Sex: F Medicare Number: 41887181024
Your Reference: Lab Reference: 23-72452534-25T-0
Laboratory: 2184
Addressee: DR PING JAAKWEE Referred by: DR PING JAAKWEE

Name of Test: E/LFT (MASTER)
Requested: 28/06/2023 Collected: 05/07/2023 Reported: 05/07/2023 14:32

SERUM CHEMISTRY - FASTING

Sodium	141 mmol/L (137-147)		T.Bili	7 umol/L (2-20)
Potass.	5.0 mmol/L (3.5-5.0)			
Chloride	105 mmol/L (96-109)		Alk.P	76 U/L (30-300)
Bicarb	25 mmol/L (25-33)		GGT	12 U/L (0-45)
An.Gap	16 mmol/L (4-17)		ALT	15 U/L (0-45)
Gluc	4.6 mmol/L (3.0-6.0)		AST	17 U/L (0-41)
Urea	4.6 mmol/L (2.0-7.0)		LD	140 U/L (120-280)
Creat	63 umol/L (40-100)		T.Prot	74 g/L (60-82)
			Alb	49 g/L (35-50)
Urate	0.30 mmol/L (0.14-0.35)		Glob	25 g/L (20-40)
Calcium	2.51 mmol/L (2.15-2.60)			
Corr.Ca	2.33 mmol/L (2.15-2.60)		Chol	5.0 mmol/L (3.1-6.5)
Phos	1.6 mmol/L (0.9-1.7)		Trig	1.0 mmol/L (0.3-2.2)

Tests Completed:TSH, SE E/LFT, SE HDL, SE MG

Tests Pending :SERUM FERRITIN, SE CORTISOL, FBC, SERUM VITAMIN B12, SE ZINC, SE VIT D

Tests Pending :BL HbA1C, DHEAS

MORSE, EVIE
222 SIMPSONS RD, CURRUMBIN VALLEY. 4223
Phone: 04 04255534
Birthdate: 18/09/2007 Sex: F Medicare Number: 41887181024
Your Reference: Lab Reference: 23-72452534-MG-0
Laboratory: 2184
Addressee: DR PING JAAKWEE Referred by: DR PING JAAKWEE

Name of Test: MAGNESIUM, SERUM
Requested: 28/06/2023 Collected: 05/07/2023 Reported: 05/07/2023 14:32

Serum Magnesium 0.8 mmol/L (0.7-1.1)

Tests Completed:TSH, SE E/LFT, SE HDL, SE MG
Tests Pending :SERUM FERRITIN, SE CORTISOL, FBC, SERUM VITAMIN B12, SE ZINC, SE VIT D
Tests Pending :BL HBA1C, DHEAS

MORSE, EVIE
222 SIMPSONS RD, CURRUMBIN VALLEY. 4223
Phone: 04 04255534
Birthdate: 18/09/2007 Sex: F Medicare Number: 41887181024
Your Reference: Lab Reference: 23-72452534-ISM-0
Laboratory: 2184
Addressee: DR PING JAAKWEE Referred by: DR PING JAAKWEE

Name of Test: MASTER IRON STUDIES
Requested: 28/06/2023 Collected: 05/07/2023 Reported: 05/07/2023 14:34

Serum Ferritin Assay 55 ug/L (20-140)

Tests Completed:TSH, SERUM FERRITIN, SE E/LFT, SE HDL, SE MG
Tests Pending :ACTIVE VITAMIN B12, SE CORTISOL, FBC, SERUM VITAMIN B12, SE ZINC
Tests Pending :SE VIT D, BL HBA1C, DHEAS

MORSE, EVIE
222 SIMPSONS RD, CURRUMBIN VALLEY. 4223
Phone: 04 04255534
Birthdate: 18/09/2007 Sex: F Medicare Number: 41887181024
Your Reference: Lab Reference: 23-72452534-DHE-0
Laboratory: 2184
Addressee: DR PING JAAKWEE Referred by: DR PING JAAKWEE

Name of Test: DHE-S
Requested: 28/06/2023 Collected: 05/07/2023 Reported: 05/07/2023 14:36

DHEA - Sulphate	3.1	umol/L	Prepub. (0.3-1.6)
(DeHydroEpiAndrosterone)			Adult (0.8-10.3)
(previous units)	1100	ng/mL	Prepub. (100-600)
			Adult (300-3800)

Tests Completed:TSH, SERUM FERRITIN, SE E/LFT, SE HDL, SE MG, DHEAS
Tests Pending :ACTIVE VITAMIN B12, SE CORTISOL, FBC, SERUM VITAMIN B12, SE ZINC
Tests Pending :SE VIT D, BL HBA1C

MORSE, EVIE
222 SIMPSONS RD, CURRUMBIN VALLEY. 4223
Phone: 04 04255534
Birthdate: 18/09/2007 Sex: F Medicare Number: 41887181024
Your Reference: Lab Reference: 23-72452534-VD-0
Laboratory: 2184
Addressee: DR PING JAAKWEE Referred by: DR PING JAAKWEE

Name of Test: VITAMIN D, SERUM
Requested: 28/06/2023 Collected: 05/07/2023 Reported: 05/07/2023 14:39

CUMULATIVE SERUM VITAMIN D

Date	10/01/22	05/07/23
Time	09:10	07:07
Lab No	69092824	72452534

Vitamin D3 119 100 nmol/L (> 49)

72452534

** Progress report.

Tests Completed:TSH, SERUM FERRITIN, FBC, SE E/LFT, SE VIT D, SE HDL, SE MG, DHEAS
Tests Pending :ACTIVE VITAMIN B12, SE CORTISOL, SERUM VITAMIN B12, SE ZINC, BL HBA1C

MORSE, EVIE
222 SIMPSONS RD, CURRUMBIN VALLEY. 4223
Phone: 04 04255534
Birthdate: 18/09/2007 Sex: F Medicare Number: 41887181024
Your Reference: Lab Reference: 23-72452534-CBC-0
Laboratory: 2184
Addressee: DR PING JAAKWEE Referred by: DR PING JAAKWEE

Name of Test: MASTER FULL BLOOD COUNT
Requested: 28/06/2023 Collected: 05/07/2023 Reported: 05/07/2023 14:39

FULL BLOOD EXAMINATION

Haemoglobin	121	g/L	(115-160)
Red Cell Count	4.0	x10 ¹² /L	(3.6-5.2)
Haematocrit	0.38		(0.33-0.46)
Mean Cell Volume	94	fL	(80-98)
Mean Cell Haemoglobin	30	pg	(27-35)
Platelet Count	311	x10 ⁹ /L	(150-450)
White Cell Count	5.2	x10 ⁹ /L	(4.5-13.0)
Neutrophils	52 %	2.7 x10 ⁹ /L	(2.0-8.0)
Lymphocytes	36 %	1.9 x10 ⁹ /L	(1.5-5.0)
Monocytes	8 %	0.4 x10 ⁹ /L	(0.2-1.0)
Eosinophils	3 %	0.16 x10 ⁹ /L	(0.04-0.40)
Basophils	1 %	0.05 x10 ⁹ /L	(< 0.21)

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, SERUM FERRITIN, FBC, SE E/LFT, SE VIT D, SE HDL, SE MG, DHEAS
Tests Pending :ACTIVE VITAMIN B12, SE CORTISOL, SERUM VITAMIN B12, SE ZINC, BL HBA1C

MORSE, EVIE
222 SIMPSONS RD, CURRUMBIN VALLEY. 4223
Phone: 04 04255534
Birthdate: 18/09/2007 Sex: F Medicare Number: 41887181024
Your Reference: Lab Reference: 23-72452534-ZN-0
Laboratory: 2184
Addressee: DR PING JAAKWEE Referred by: DR PING JAAKWEE

Name of Test: ZINC,SERUM
Requested: 28/06/2023 Collected: 05/07/2023 Reported: 05/07/2023 14:52

Serum Zinc 10 umol/L (10-25)

Tests Completed:TSH, SERUM FERRITIN, FBC, SE E/LFT, SE ZINC, SE VIT D, SE HDL, SE MG
Tests Completed:DHEAS
Tests Pending :ACTIVE VITAMIN B12, SE CORTISOL, SERUM VITAMIN B12, BL HBA1C

MORSE, EVIE
222 SIMPSONS RD, CURRUMBIN VALLEY. 4223
Phone: 04 04255534
Birthdate: 18/09/2007 Sex: F Medicare Number: 41887181024
Your Reference: Lab Reference: 23-72452534-COR-0
Laboratory: 2184
Addressee: DR PING JAAKWEЕ Referred by: DR PING JAAKWEЕ

Name of Test: ADRENAL MASTER
Requested: 28/06/2023 Collected: 05/07/2023 Reported: 05/07/2023 16:16

ADRENAL STUDIES

+ Serum Cortisol 850 nmol/L 8am (220-720)
Collection time: 7:07 am

Absolute exclusion of Cushing's requires demonstration of an adequately suppressed cortisol level (<140 nmol/L) after 1mg of oral dexamethasone at 11pm the night before.

Tests Completed:TSH, SERUM FERRITIN, SE CORTISOL, FBC, SE E/LFT, SE ZINC, SE VIT D
Tests Completed:SE HDL, SE MG, DHEAS
Tests Pending :ACTIVE VITAMIN B12, SERUM VITAMIN B12, BL HBA1C

MORSE, EVIE
222 SIMPSONS RD, CURRUMBIN VALLEY. 4223
Phone: 04 04255534
Birthdate: 18/09/2007 Sex: F Medicare Number: 41887181024
Your Reference: Lab Reference: 23-72452534-A1C-0
Laboratory: 2184
Addressee: DR PING JAAKWEЕ Referred by: DR PING JAAKWEЕ

Name of Test: HAEMOGLOBIN A1C,BLOOD
Requested: 28/06/2023 Collected: 05/07/2023 Reported: 05/07/2023 18:00

CUMULATIVE GLYCATED HAEMOGLOBIN

Date 05/07/23
Time 07:07
Lab No 72452534

HbA1c Fraction 5.1 %
in SI units 32 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, SERUM FERRITIN, SE CORTISOL, FBC, SE E/LFT, SE ZINC, SE VIT D
Tests Completed:SE HDL, BL HBA1C, SE MG, DHEAS
Tests Pending :ACTIVE VITAMIN B12, SERUM VITAMIN B12

MORSE, EVIE
222 SIMPSONS RD, CURRUMBIN VALLEY. 4223
Phone: 04 04255534
Birthdate: 18/09/2007 **Sex:** F **Medicare Number:** 41887181024
Your Reference: **Lab Reference:** 23-72452534-BFM-0
Laboratory: 2184
Addressee: DR PING JAAKWEЕ **Referred by:** DR PING JAAKWEЕ

Name of Test: MASTER VITAMIN B12 FOLATE
Requested: 28/06/2023 **Collected:** 05/07/2023 **Reported:** 06/07/2023 12:00

-	Serum Vitamin B12 Assay	145 pmol/L	(162-811)
	Holo TC Assay	78 pmol/L	(> 35)

Comment:

Serum Vitamin B12 Assay:
Mildly low vitamin B12 result. Low readings may occur with early B12 depletion, but also may be misleadingly low in other conditions such as folate deficiency.
If there is clinical suspicion of a B12 deficient state then correlation with Folate levels as well as performing a Holo TC (Active B12)assay is recommended.

Holo TC Assay:
No vitamin B12 deficiency.

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:ACTIVE VITAMIN B12, TSH, SERUM FERRITIN, SE CORTISOL, FBC
Tests Completed:SERUM VITAMIN B12, SE E/LFT, SE ZINC, SE VIT D, SE HDL, BL HBA1C
Tests Completed:SE MG, DHEAS
Tests Pending :