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Dear Mary,

Attached below are copies of your results. Please take time to go through and understand what these results mean to you.

SEARSON, MARY
50 GARFIELD ST, FIVE DOCK. 2046
Phone: 0402831037
Birthdate: 01/04/1963 Sex: F Medicare Number: 2101940411
Your Reference: 00009975 Lab Reference: 23-22778274-GLU-0
Laboratory: Laverty Pathology
Addressee: DR EMMA J WAKELING Referred by: DR EMMA J WAKELING

Name of Test: GLUCOSE (GLU-0)
Requested: 18/05/2023 Collected: 26/06/2023 Reported: 26/06/2023 14:07

SERUM/PLASMA GLUCOSE

Fasting status Fasting
Serum 5.1 mmol/L (3.4-5.4)

Normal glucose concentration.

Requested Tests : TFT*, GLU, MBA*, LIP, FE*, FBE*, DVI*

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Your Reference: 00009975 Lab Reference: 23-22778274-LIP-0
Laboratory: Laverty Pathology
Addressee: DR EMMA J WAKELING Referred by: DR EMMA J WAKELING

Name of Test: LIPID STUDIES (LIP-0)
Requested: 18/05/2023 Collected: 26/06/2023 Reported: 26/06/2023 14:07

LIPID STUDIES

Specimen Type: Serum

Reference intervals are included for reference only, and interpretation / treatment goals should be guided by patient-specific cardiovascular risk assessment (see Australian Cardiovascular Risk Charts. Alternatively, the web-site www.cvdcheck.org.au can be accessed in order to complete a risk assessment for individual patients.)

Haemolysis	Nil
Icterus	Nil
Lipaemia	Nil

Fasting status	Fasting		
Total Cholesterol	5.2	mmol/L	(3.9-5.2)
Triglycerides	1.7	mmol/L	(0.5-1.7)
HDL Cholesterol	1.4	mmol/L	(1.0-2.0)
LDL Cholesterol	3.0	mmol/L	(1.5-3.4)
Non-HDL Cholesterol	3.8	mmol/L	(< 3.4)
Cholesterol/HDL-C Ratio	3.7		(< 4.5)

NVDPA TARGET LIPID RANGES (MMOL/L) FOR PATIENTS AT HIGH / MODERATE RISK OF CARDIOVASCULAR DISEASE:

TOTAL CHOLESTEROL	<4.0	
-----	-----	
TRIGS (FASTING)	<2.0	
-----	-----	
HDL-C	>= 1.0	
-----	-----	
LDL-C	<2.0	
-----	-----	
NON HDL-C	<2.5	
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LDL-C exceeds target for higher risk patients and may be excessive in some individuals.

Requested Tests : TFT*, GLU, MBA*, LIP, FE*, FBE*, DVI*

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Phone: 0402831037
Birthdate: 01/04/1963 **Sex:** F **Medicare Number:** 2101940411
Your Reference: 00009975 **Lab Reference:** 23-22778274-FBE-0
Laboratory: Laverty Pathology
Addressee: DR EMMA J WAKELING **Referred by:** DR EMMA J WAKELING

Name of Test: HAEMATOLOGY (FBE-0)
Requested: 18/05/2023 **Collected:** 26/06/2023 **Reported:** 26/06/2023 14:08

HAEMATOLOGY

Date Collected 26 Jun 23
 Time Collected 08:42
 Specimen Type: EDTA

Hb	151 g/L	(115-165)	WBC	6.0 x10 ⁹ /L	(4.0-11.0)
RCC	4.8 x10 ¹² /L	(3.9-5.8)	Neut	3.6 x10 ⁹ /L	(2.0-7.5)
Hct	0.44	(0.34-0.47)	Lymp	1.6 x10 ⁹ /L	(1.0-4.0)
MCV	91 fL	(79-99)	Mono	0.5 x10 ⁹ /L	(0.2-1.0)
MCH	31 pg	(27-34)	Eos	0.2 x10 ⁹ /L	(< 0.7)
MCHC	342 g/L	(320-360)	Baso	0.1 x10 ⁹ /L	(< 0.2)
RDW	11.9 %	(10.0-17.0)			
Plat	289 x10 ⁹ /L	(150-400)			

HAEMATOLOGY: FBC parameters are within reference range.

Requested Tests : TFT*, GLU, MBA*, LIP, FE*, FBE, DVI

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Phone: 0402831037
Birthdate: 01/04/1963 **Sex:** F **Medicare Number:** 2101940411
Your Reference: 00009975 **Lab Reference:** 23-22778274-DVI-0
Laboratory: Laverty Pathology

Addressee: DR EMMA J WAKELING **Referred by:** DR EMMA J WAKELING

Name of Test: VITAMIN D (DVI-0)

Requested: 18/05/2023 **Collected:** 26/06/2023 **Reported:** 26/06/2023 14:08

VITAMIN D

Haemolysis Nil
Serum 25(OH) Vitamin D 64 nmol/L

Suggested decision limits for Vitamin D status:

Sufficiency	51 -200	nmol/L
Mild deficiency	25 - 50	nmol/L
Marked deficiency	< 25	nmol/L
Toxicity	>250	nmol/L

References: Vitamin D and health in adults in Australia and New Zealand:
Position Statement. MJA 2012 June 18; 196(11),686-687.

Requested Tests : TFT*, GLU, MBA*, LIP, FE*, FBE, DVI

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Phone: 0402831037

Birthdate: 01/04/1963 **Sex:** F **Medicare Number:** 2101940411

Your Reference: 00009975 **Lab Reference:** 23-22778274-TFT-0

Laboratory: Laverty Pathology

Addressee: DR EMMA J WAKELING **Referred by:** DR EMMA J WAKELING

Name of Test: THYROID FUNCTION TEST (TFT-0)

Requested: 18/05/2023 **Collected:** 26/06/2023 **Reported:** 26/06/2023 14:13

THYROID PROFILE

Specimen Type: Serum
TSH 1.9 mIU/L (0.5-4.0)

Result(s) consistent with euthyroidism.

Requested Tests : TFT, GLU, MBA*, LIP, FE*, FBE, DVI

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Phone: 0402831037

Birthdate: 01/04/1963 **Sex:** F **Medicare Number:** 2101940411

Your Reference: 00009975 **Lab Reference:** 23-22778274-FE-0

Laboratory: Laverty Pathology

Addressee: DR EMMA J WAKELING **Referred by:** DR EMMA J WAKELING

Name of Test: IRON STUDIES (FE-0)

Requested: 18/05/2023 **Collected:** 26/06/2023 **Reported:** 26/06/2023 14:18

IRON STUDIES

Specimen Type: Serum			
Serum Iron	14	umol/L	(10-30)
Transferrin	30	umol/L	(32-48)
Transferrin Saturation	24	%	(13-45)
Serum Ferritin	99	ug/L	(30-400)

Transferrin may be decreased by inflammation (acute or chronic) or protein deficiency or loss.

Requested Tests : TFT, GLU, MBA, LIP, FE, FBE, DVI

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Birthdate: 01/04/1963 **Sex:** F **Medicare Number:** 2101940411
Your Reference: 00009975 **Lab Reference:** 23-22778274-MBA-0
Laboratory: Laverty Pathology
Addressee: DR EMMA J WAKELING **Referred by:** DR EMMA J WAKELING

Name of Test: SERUM CHEMISTRY (MBA-0)
Requested: 18/05/2023 **Collected:** 26/06/2023 **Reported:** 26/06/2023 14:18

SERUM CHEMISTRY

Specimen Type: Serum

Haemolysis Nil
Icterus Nil
Lipaemia Nil

Sodium	141	mmol/L	(135-145)
Potassium	4.5	mmol/L	(3.6-5.4)
Chloride	101	mmol/L	(95-110)
Bicarbonate	26	mmol/L	(22-32)
Anion Gap	18	mmol/L	(10-20)
Urea	4.7	mmol/L	(2.5-9.0)
Creatinine	60	umol/L	(45-90)
eGFR	> 90		mL/min/1.73m ²
Bilirubin	14	umol/L	(< 15)
AST	25	U/L	(< 35)
ALT	22	U/L	(< 30)
GGT	21	U/L	(< 35)
Alkaline Phosphatase	77	U/L	(30-115)
Protein	74	g/L	(60-82)
Albumin	43	g/L	(36-48)
Globulin	31	g/L	(20-39)
Calcium	2.44	mmol/L	(2.10-2.60)
Corrected Calcium	2.44	mmol/L	(2.10-2.60)
Phosphate	1.32	mmol/L	(0.75-1.50)
Magnesium	0.82	mmol/L	(0.70-1.10)

eGFR >=90 mL/min/1.73m² usually indicates normal kidney function but does not exclude patients with early kidney damage (those with albuminuria, haematuria or abnormal kidney imaging).

Requested Tests : TFT, GLU, MBA, LIP, FE, FBE, DVI

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Your Reference: 00009975 **Lab Reference:** 23-22778274-TFT-0
Laboratory: Laverty Pathology
Addressee: DR EMMA J WAKELING **Referred by:** DR EMMA J WAKELING

Name of Test: THYROID FUNCTION TEST (TFT-0)
Requested: 18/05/2023 **Collected:** 26/06/2023 **Reported:** 26/06/2023 14:43

THYROID PROFILE

Specimen Type: Serum

TSH 1.9 mIU/L (0.5-4.0)

Result(s) consistent with euthyroidism.

Requested Tests : TFT, GLU, MBA, LIP, FE, FBE, DVI