

LABORATORY 3427-18703 14 LOOKOUT ROAD NEW LAMBTON HEIGHTS NSW 2305 PH: 1300 134 111

	REQUEST DETAILS:		IMEDICAL LIFE IMEDICAL LIFE 1 UNION ST PYRMONT NSW 2009
	LAB REF:		
	REFERRED:	11/08/26	
	COLLECTED:	11/08/26 16:30	
	REPORTED:	12/08/26 07:54	
	TESTED:	11/08/26	
	BATCH:	0 0	

CLINICAL HISTORY:

BIOCHEMISTRY

C REACTIVE PROTEIN (hsCRP)

SPECIMEN: SERUM

hsCRP 45.2 mg/L see below

For assessment of cardiovascular risk in the WELL individual see the following table (Reference: American Heart Association)

CRP (mg/L)	Relative Risk.
< 1.0	Low risk
1.0 – 3.0	Average risk
> 3.0	High risk

PATIENT:

PANEL CODES: GH-W,DHE-R,GLS-R,SCR-R,IGF-W,FAI-R,FTE-R,FBE-R,LFH-R,OST-R,PRG-R,PRL-+++

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CLINICAL HISTORY:

ENDOCRINOLOGY

SPECIMEN: SERUM

HORMONE STUDIES

** Follicle Stimulating Hormone	< 1	IU/L	(1 - 9)
** Luteinizing Hormone	< 1	IU/L	(2 - 8)
* Oestradiol	297	pmol/L	(< 150)
Progesterone	2.2	nmol/L	(< 4.1)
Prolactin (mIU/L)	202	mIU/L	(45 - 375)

Please note that progesterone levels in patients taking DHEA may be falsely increased due to an assay interference.

Prolactin test is performed using Siemens Atellica system.

ENDOCRINOLOGY

PATIENT:

PANEL CODES: GH-W,DHE-R,GLS-R,SCR-R,IGF-W,FAI-R,FTE-R,FBE-R,LFH-R,OST-R,PRG-R,PRL-+++

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CLINICAL HISTORY:

ANDROGEN STUDIES

SPECIMEN: Serum

Date	11/08/2026
Collection Time	16:30
Request	

		Units	Reference Range
Testosterone	57.4**	nmol/L	6.0 - 28.0
SHBG re-std.	11*	nmol/L	15 - 50
Free Testosterone	> 2000***	pmol/L	200 - 600

Comments:

Testosterone II and SHBG are assayed on the Siemens Centaur/Atellica.

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PATIENT:

PANEL CODES: GH-W,DHE-R,GLS-R,SCR-V,IGF-W,FAI-R,FTE-R,FBE-R,LFH-V,OST-V,PRG-V,PRL-+++

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CLINICAL HISTORY:

GENERAL BIOCHEMISTRY

DHEA SULPHATE

SPECIMEN: SERUM

Date	Lab No.	DHEA-sulphate	Units	Range
11/08/26	*	2.6	µmol/L	(4.8 - 13.9)

DHEA-sulphate is assayed on the Siemens ADVIA Centaur/Atellica.

Please note that blood collected from patients taking Biotin (Vit B7) supplements may cause falsely high results. If this patient is known to be taking Biotin, interpret results with caution within the clinical context.

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PATIENT:

PANEL CODES: GH-W,DHE-R,GLS-R,SCR-W,IGF-W,FAI-W,FTE-W,FBE-R,LFH-W,OST-W,PRG-W,PRL-+++

LABORATORY 3427-15840 14 LOOKOUT ROAD NEW LAMBTON HEIGHTS NSW 2305 PH: 1300 134 111

REQUEST DETAILS:

LAB REF:

REFERRED: 11/08/26
COLLECTED: 11/08/26 16:30
REPORTED: 11/08/26 18:42
TESTED: 11/08/26
BATCH: 0 0

IMEDICAL LIFE

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CLINICAL HISTORY:

GENERAL CHEMISTRY

SPECIMEN: Serum

Date 11/08/2026

Collection Time 16:30

Request

Electrolytes / Renal Function		Units	Reference Range
Sodium	140	mmol/L	135 - 145
Potassium	4.6	mmol/L	3.5 - 5.2
Chloride	101	mmol/L	95 - 110
Bicarbonate	30	mmol/L	22 - 32
Urea	5.7	mmol/L	3.5 - 8.0
Creatinine	100	μmol/L	60 - 110
eGFR	87	mL/min/1.73m ²	> 59
Calcium	2.19	mmol/L	2.10 - 2.60
Adjusted Calcium	2.23	mmol/L	2.10 - 2.60
Phosphate	1.25	mmol/L	0.75 - 1.50
Magnesium	0.93	mmol/L	0.70 - 1.10
Uric Acid	0.16*	mmol/L	0.18 - 0.47

Liver Function		Units	Reference Range
Total Protein	69	g/L	60 - 80
Albumin	37	g/L	35 - 50
Alkaline Phosphatase	65	U/L	30 - 110
Total Bilirubin	11	μmol/L	3 - 20
Gamma GT	31	U/L	5 - 50
AST	34	U/L	5 - 35
ALT	54*	U/L	5 - 40
Globulin	32	g/L	23 - 39

Comments:

PATIENT:

PANEL CODES: GH-W,DHE-W,GLS-R,SCR-W,IGF-W,FAI-W,FTE-W,FBE-R,LFH-W,OST-W,PRG-W,PRL-+++

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CLINICAL HISTORY:

LIPID STUDIES

SPECIMEN: Serum

Date 11/08/2026
Collection Time 16:30
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		Units	Desirable Range (Fasting)
Fasting status	Not Stated		
Cholesterol	3.1	mmol/L	< 5.6
H.D.L. Cholesterol	1.0	mmol/L	> 0.9
L.D.L. Cholesterol	1.8	mmol/L	< 3.1
Non-HDL Cholesterol	2.1	mmol/L	< 4.1
Triglyceride	0.6	mmol/L	< 2.1
LDL/HDL Ratio (Risk Factor)	1.8		
Chol/HDL Ratio (Risk Factor)	3.1		

BIOCHEMISTRY

Comments:

Recommended targets for high risk patients are

Total cholesterol < 4.0 mmol/L

HDL Cholesterol > 1.0 mmol/L

LDL Cholesterol < 2.5 mmol/L (< 1.8 mmol/L for very high risk) Non-HDL Cholesterol < 3.3 mmol/L (< 2.5 mmol/L for very high risk) Fasting triglycerides < 2.0 mmol/L

Lipid ranges and targets are from the AACB Guideline for Harmonised Lipid Reporting (2018)

Target values need to be individualised based on clinical assessment of overall risk.

See the AusCVD Risk calculator at www.cvdcheck.org.au

PATIENT:

PANEL CODES: GH-W,DHE-W,GLS-R,SCR-W,IGF-W,FAI-W,FTE-W,FBE-R,LFH-W,OST-W,PRG-W,PRL-+++

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CLINICAL HISTORY:

GLUCOSE **SPECIMEN: Serum**

Date	11/08/2026
Collection Time	16:30
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		Units	Reference Range
Glucose Time	16:30		
Collection type	Not stated		
Glucose	4.3	mmol/L	3.0 - 6.9

Comments:
Glucose Reference Ranges
Random 3.0 - 6.9 mmol/L
Fasting 3.0 - 5.4 mmol/L
1 Hour post prandial 3.0 - 11.0 mmol/L
2 Hour post prandial 3.0 - 7.7 mmol/L
Specimen Legend:
FI-ox = Fluoride oxalate, serum = Serum, np = Non-Preserved

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CLINICAL HISTORY:

GENERAL HAEMATOLOGY

SPECIMEN: Whole blood

Date	11/08/2026
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		Units	Reference Range
Haemoglobin	151	g/L	125 - 175
RBC	5.58	x10 ¹² /L	4.50 - 6.50
HCT	0.48	L/L	0.40 - 0.55
MCV	86	fL	80 - 99
MCH	27	pg	27.0 - 34.0
MCHC	315	g/L	310 - 360
RDW	16.1*	%	11.0 - 15.0
White Cell Count	7.2	x10 ⁹ /L	4.0 - 11.0
Neutrophils	4.5	x10 ⁹ /L	2.0 - 8.0
Lymphocytes	1.7	x10 ⁹ /L	1.0 - 4.0
Monocytes	0.9	x10 ⁹ /L	< 1.1
Eosinophils	< 0.1	x10 ⁹ /L	< 0.7
Basophils	< 0.1	x10 ⁹ /L	< 0.3
Platelets	230	x10 ⁹ /L	150 - 450
MPV	12.5	fL	8.9 - 12.6

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Comments:

: No significant abnormality detected.

PATIENT:

PANEL CODES: GH-W,DHE-W,GLS-W,SCR-W,IGF-W,FAI-W,FTE-W,FBE-R,LFH-W,OST-W,PRG-W,PRL-+++