

Australian Clinical Labs 1 GOODWOOD RD, WAYVILLE

Patient: BAXTER, RUSSELL
122 EASTON RD
CASTLETOWN WA 6450
DOB: 11/Jun/1969
Sex: M
Reported: 16/10/2024 12:44
Reference:
Phone No: 0422 819 505

Referred: 08/Oct/2024
Collected: 09/10/2024 08:40
Tested: 09/10/2024 13:05
UR/MR No.:
Lab No: 24-22819904-RT3-0
Status: Final
Patient Belongs to ASHLEIGH VICTORI VAN NIEROP
User: NATCI212

Test: RT3-RT3

CLINICAL NOTES:

REVERSE T3

SPECIMEN: Plasma

Reverse T3 318 pmol/L (138 - 539)

Adults 138.6 - 539
Paediatrics range not available.

NATA/RCPA accreditation does not cover the performance of this service

GTT-R INM-R RT3-C HCY-R SCR-R THA-R FAI-R FIB-R FBE-R IS-R L

All tests on this request have now been completed

Australian Clinical Labs 23 WALTERS DRIVE, OSBORNE PARK

Patient:

BAXTER, RUSSELL
122 EASTON RD
CASTLETOWN WA 6450

DOB:

11/Jun/1969

Sex:

M

Reported:

10/10/2024 09:26

Reference:

Phone No:

0422 819 505

Referred:

08/Oct/2024

Collected:

09/10/2024 08:40

Tested:

09/10/2024 13:05

UR/MR No.:

Lab No:

24-22819904-SCR-0

Status:

Final

Patient Belongs to

ASHLEIGH VICTORI VAN NIEROP

User:

NATCI212

Test:

SCR-High Sensitive CRP

CLINICAL NOTES:

BIOCHEMISTRY

C REACTIVE PROTEIN (hsCRP)					SPECIMEN: SERUM
Date	Time	Lab No.	hsCRP	Units	Ref. Range
09/10/24	08:40	22819904	9.2	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			

tm

GTT-R INM-C RT3-W HCY-R SCR-C THA-R FAI-R FIB-R FBE-R IS-R L

This request has other tests in progress at the time of reporting

Australian Clinical Labs 23 WALTERS DRIVE, OSBORNE PARK

Patient:	BAXTER, RUSSELL 122 EASTON RD CASTLETOWN WA 6450	Referred:	08/Oct/2024
DOB:	11/Jun/1969	Collected:	09/10/2024 08:40
Sex:	M	Tested:	09/10/2024 13:05
Reported:	10/10/2024 09:26	UR/MR No.:	
Reference:		Lab No:	24-22819904-INM-0
Phone No:	0422 819 505	Status:	Final
		Patient Belongs to	ASHLEIGH VICTORI VAN NIEROP
		User:	NATCI212
Test: INM-Insulin - Multiple (GTT)			

CLINICAL NOTES:

ENDOCRINOLOGY

SPECIMEN: SERUM

DYNAMIC FUNCTION TEST

	Time	Serum Insulin	
*	Fasting	30 mU/L	(2 - 12)
*	1 hour	92 mU/L	(9 - 45)
*	2 hour	54 mU/L	(5 - 30)

tm

GTT-R INM-C RT3-W HCY-R SCR-C THA-R FAI-R FIB-R FBE-R IS-R L

This request has other tests in progress at the time of reporting

Australian Clinical Labs 23 WALTERS DRIVE, OSBORNE PARK

Patient:	BAXTER, RUSSELL 122 EASTON RD CASTLETOWN WA 6450	Referred:	08/Oct/2024
DOB:	11/Jun/1969	Collected:	09/10/2024 08:40
Sex:	M	Tested:	09/10/2024 13:05
Reported:	10/10/2024 00:03	UR/MR No.:	
Reference:		Lab No:	24-22819904-AGN-0
Phone No:	0422 819 505	Status:	Final
		Patient Belongs to	ASHLEIGH VICTORI VAN NIEROP
		User:	NATCI212
Test:	AGN-Androgen Studies		

CLINICAL NOTES:

ENDOCRINOLOGY

ANDROGEN STUDIES

SPECIMEN: SERUM

Date: 09/10/24
Time: 08:40
Lab Number: 22819904

Testosterone	7.1	nmol/L (6.0 - 28.0)
SHBG re-std.	24	nmol/L (15 - 50)
Free Testost. *	161	pmol/L (200 - 600)

22819904 Low Free Testosterone level.

Please note from 19-2-2024: new reference intervals apply for testosterone and SHBG testing, due to a change in method to the Siemens Atellica assay.

tm

GTT-R INM-V RT3-W HCY-R SCR-V THA-R FAI-C FIB-R FBE-R IS-R L

This request has other tests in progress at the time of reporting

Australian Clinical Labs 23 WALTERS DRIVE, OSBORNE PARK

Patient:	BAXTER, RUSSELL 122 EASTON RD CASTLETOWN WA 6450	Referred:	08/Oct/2024
DOB:	11/Jun/1969	Collected:	09/10/2024 08:40
Sex:	M	Tested:	09/10/2024 13:05
Reported:	09/10/2024 19:33	UR/MR No.:	
Reference:		Lab No:	24-22819904-THA-0
Phone No:	0422 819 505	Status:	Final
		Patient Belongs to	ASHLEIGH VICTORI VAN NIEROP
		User:	NATCI212
Test:	THA-Thyroid Autoantibodies		

CLINICAL NOTES:

BIOCHEMISTRY - THYROID AUTOANTIBODIES - CUMULATIVE SPECIMEN: SERUM

Date	Lab Number	aTGII (IU/ml) (< 4.5)	aTPO (U/ml) (< 60)
09/10/24	22819904	< 1.4	35

Key:
aTGII - anti-thyroglobulin antibodies
aTPO - anti-thyroid peroxidase antibodies

Anti-ThyroGlobulin assay (aTGII) is standardised to the WHO International Reference Preparation, Human (NIBSC 65/093) and is performed on the Siemens Centaur/Atellica Immunoassay systems.

Normal thyroid antibodies.

GTT-R INM-V RT3-W HCY-R SCR-V THA-C FAI-V FIB-R FBE-R IS-C L

This request has other tests in progress at the time of reporting

Australian Clinical Labs 23 WALTERS DRIVE, OSBORNE PARK

Patient: BAXTER, RUSSELL
122 EASTON RD
CASTLETOWN WA 6450

DOB: 11/Jun/1969

Sex: M

Reported: 09/10/2024 19:33

Reference:

Phone No: 0422 819 505

Referred: 08/Oct/2024

Collected: 09/10/2024 08:40

Tested: 09/10/2024 13:05

UR/MR No.:

Lab No: 24-22819904-LS-0

Status: Final

Patient Belongs to ASHLEIGH VICTORI VAN NIEROP

User: NATCI212

Test: LS-Lipid Studies

CLINICAL NOTES:

BIOCHEMISTRY

LIPID STUDIES

SPECIMEN: SERUM

Date: 09/10/24

Coll. Time: 08:40

Lab Number: 22819904

Desirable Range
(Fasting)

Fasting Status Fasting

Total Chol. * 5.9

HDL Chol. 1.3

LDL Chol. * 3.4

Non-HDL Chol. * 4.6

(< 5.6) mmol/L

(> 0.9) mmol/L

(< 3.1) mmol/L

(< 4.1) mmol/L

Triglyceride * 2.7

(< 2.1) mmol/L

LDL/HDL Ratio 2.6

Chol/HDL Ratio 4.5

22819904 The Heart Foundation of Australia recommend calculation of the absolute cardiovascular risk using the NVDPA's calculator at www.cvdcheck.org.au. LDL-c target depends on the absolute CVD risk. Mild hypertriglyceridaemia. Elevated triglycerides may be secondary to poor diet, alcohol, diabetes or hypothyroidism. History of Diabetes.

Please note, from 27/09/2023, modified lipid reference ranges apply.

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

GTT-R INM-V RT3-W HCY-R SCR-V THA-C FAI-V FIB-R FBE-R IS-C L

This request has other tests in progress at the time of reporting

Australian Clinical Labs 23 WALTERS DRIVE, OSBORNE PARK

Patient:	BAXTER, RUSSELL 122 EASTON RD CASTLETOWN WA 6450	Referred:	08/Oct/2024
DOB:	11/Jun/1969	Collected:	09/10/2024 08:40
Sex:	M	Tested:	09/10/2024 13:05
Reported:	09/10/2024 19:33	UR/MR No.:	
Reference:		Lab No:	24-22819904-ISM-0
Phone No:	0422 819 505	Status:	Final
		Patient Belongs to	ASHLEIGH VICTORI VAN NIEROP
		User:	NATCI212
Test:	ISM-Iron Master		

CLINICAL NOTES:

BIOCHEMISTRY

IRON STUDIES

SPECIMEN: SERUM

Date: **09/10/24**
Coll. Time: 08:40
Lab Number: 22819904

Iron	17.1	(10.0 - 30.0)	umol/L
Transferrin	2.53	(2.10 - 3.80)	g/L
Saturation	27	(15 - 50)	%
Ferritin	103	(30 - 500)	ug/L

22819904 Iron studies are within normal limits.

GTT-R INM-V RT3-W HCY-R SCR-V THA-C FAI-V FIB-R FBE-R IS-C L

This request has other tests in progress at the time of reporting

Australian Clinical Labs 23 WALTERS DRIVE, OSBORNE PARK

Patient:	BAXTER, RUSSELL 122 EASTON RD CASTLETOWN WA 6450	Referred:	08/Oct/2024
DOB:	11/Jun/1969	Collected:	09/10/2024 08:40
Sex:	M	Tested:	09/10/2024 13:05
Reported:	09/10/2024 19:33	UR/MR No.:	
Reference:		Lab No:	24-22819904-TMA-0
Phone No:	0422 819 505	Status:	Final
		Patient Belongs to	ASHLEIGH VICTORI VAN NIEROP
		User:	NATCI212
Test:	TMA-TFT Master Panel		

CLINICAL NOTES:

ENDOCRINOLOGY

THYROID FUNCTION TEST

SPECIMEN: SERUM

Date: 09/10/24
Coll. Time: 08:40
Lab Number: 22819904

Free T4	14.2	(9.0 - 25.0) pmol/L
TSH	0.95	(0.40 - 4.00)mIU/L
Free T3	5.7	(3.5 - 6.5) pmol/L

22819904 Euthyroid levels.

Please note an updated reference range for FT4 since 26/06/2024.

GTT-R INM-V RT3-W HCY-R SCR-V THA-C FAI-V FIB-R FBE-R IS-C L

This request has other tests in progress at the time of reporting

Australian Clinical Labs 23 WALTERS DRIVE, OSBORNE PARK

Patient:	BAXTER, RUSSELL 122 EASTON RD CASTLETOWN WA 6450	Referred:	08/Oct/2024
DOB:	11/Jun/1969	Collected:	09/10/2024 08:40
Sex:	M	Tested:	09/10/2024 13:05
Reported:	09/10/2024 19:33	UR/MR No.:	
Reference:		Lab No:	24-22819904-MBI-0
Phone No:	0422 819 505	Status:	Final
		Patient Belongs to	ASHLEIGH VICTORI VAN NIEROP
		User:	NATCI212
Test:	MBI-Multiple Biochem Analysis		

CLINICAL NOTES:

GENERAL CHEMISTRY

SPECIMEN: SERUM

Date: 09/10/24
Coll. Time: 08:40
Lab Number: 22819904

Sodium	137	(135 - 145)	mmol/L
Potassium	4.4	(3.5 - 5.2)	mmol/L
Chloride	101	(95 - 110)	mmol/L
Bicarbonate	27	(22 - 32)	mmol/L
Anion Gap	13	(9 - 19)	mmol/L
Urea	6.0	(4.0 - 9.0)	mmol/L
Creatinine	77	(60 - 110)	umol/L
eGFR	> 90	(> 59) mL/min/1.73m2	
T.Protein	71	(60 - 80)	g/L
Albumin	38	(35 - 50)	g/L
Globulin	33	(23 - 39)	g/L
ALP	88	(30 - 110)	U/L
Bilirubin	11	(3 - 20)	umol/L
GGT	38	(5 - 50)	U/L
AST	32	(5 - 35)	U/L
ALT	40	(5 - 40)	U/L

22819904 Electrolytes, liver and renal function within normal limits.

GTT-R INM-V RT3-W HCY-R SCR-V THA-C FAI-V FIB-R FBE-R IS-C L

This request has other tests in progress at the time of reporting

Australian Clinical Labs 23 WALTERS DRIVE, OSBORNE PARK

Patient: BAXTER, RUSSELL
122 EASTON RD
CASTLETOWN WA 6450

DOB: 11/Jun/1969

Sex: M

Reported: 09/10/2024 17:10

Reference:

Phone No: 0422 819 505

Referred: 08/Oct/2024

Collected: 09/10/2024 08:40

Tested: 09/10/2024 13:05

UR/MR No.:

Lab No: 24-22819904-COA-0

Status: Final

Patient Belongs to ASHLEIGH VICTORI VAN NIEROP

User: NATCI212

Test: COA-Coagulation Profile

CLINICAL NOTES:

HAEMATOLOGY

SPECIMEN: CITRATED PLASMA

COAGULATION PROFILE

Fibrinogen

3.4 g/L

(2.0 - 4.0)

COMMENT:

GTT-R INM-W RT3-W HCY-R SCR-W THA-W FAI-W FIB-C FBE-R IS-W L

This request has other tests in progress at the time of reporting

Australian Clinical Labs 23 WALTERS DRIVE, OSBORNE PARK

Patient:	BAXTER, RUSSELL 122 EASTON RD CASTLETOWN WA 6450	Referred:	08/Oct/2024
DOB:	11/Jun/1969	Collected:	09/10/2024 08:40
Sex:	M	Tested:	09/10/2024 13:05
Reported:	09/10/2024 16:59	UR/MR No.:	
Reference:		Lab No:	24-22819904-HCY-0
Phone No:	0422 819 505	Status:	Final
		Patient Belongs to	ASHLEIGH VICTORI VAN NIEROP
		User:	NATCI212
Test:	HCY-Homocysteine		

CLINICAL NOTES:

GENERAL CHEMISTRY

HOMOCYSTEINE

SPECIMEN: PLASMA

Date	Time	Lab No.	Fasting status	Homocysteine	Units	Ref Range
09/10/24	08:40	22819904	Fasting	10.8	umol/L	(5.0 - 15.0)

22819904 Normal homocysteine level.
Homocysteine concentrations have been used to categorise
Cardiovascular risk:
 <10 umol/L - desirable
 10 - 15 umol/L - intermediate risk
 15 - 30 umol/L - high risk
 >30 umol/L - very high risk.

GTT-C INM-W RT3-W HCY-C SCR-W THA-W FAI-W FIB-V FBE-R IS-W L

This request has other tests in progress at the time of reporting

Australian Clinical Labs 23 WALTERS DRIVE, OSBORNE PARK

Patient:	BAXTER, RUSSELL 122 EASTON RD CASTLETOWN WA 6450	Referred:	08/Oct/2024
DOB:	11/Jun/1969	Collected:	09/10/2024 08:40
Sex:	M	Tested:	09/10/2024 13:05
Reported:	09/10/2024 16:58	UR/MR No.:	
Reference:		Lab No:	24-22819904-GTT-0
Phone No:	0422 819 505	Status:	Final
		Patient Belongs to	ASHLEIGH VICTORI VAN NIEROP
		User:	NATCI212
Test: GTT-Glucose Tolerance Test			

CLINICAL NOTES:

BIOCHEMISTRY

ORAL GLUCOSE TOLERANCE TEST - 75g LOAD

SPECIMEN: PLASMA

Time	Plasma Glucose	
Fasting	7.7 mmol/L	(3.0 - 6.0)
1.0 hour	16.9 mmol/L	(3.0 - 11.0)
2.0 hour	11.5 mmol/L	(3.0 - 7.7)

INTERPRETATION

Consistent with diabetes mellitus.

RECOMMENDATION

Suggest baseline HbA1c and spot first morning void urine microalbumin. Thereafter HbA1c should be monitored quarterly, with full lipid profile and urine microalbumin annually.

DIAGNOSTIC CRITERIA (Glucose mmol/L):

Impaired Fasting Glycaemia: Fasting 6.1 - 6.9

Impaired Glucose Tolerance: 2 Hr 7.8 - 11.0

Diabetes Mellitus: Fasting > 6.9 or 2 Hr > 11.0

(Ref: Definition and diagnosis of diabetes mellitus and intermediate hyperglycemia. WHO 2006.)

GTT-C INM-W RT3-W HCY-W SCR-W THA-W FAI-W FIB-V FBE-R IS-W L

This request has other tests in progress at the time of reporting

Australian Clinical Labs 23 WALTERS DRIVE, OSBORNE PARK

Patient:	BAXTER, RUSSELL 122 EASTON RD CASTLETOWN WA 6450	Referred:	08/Oct/2024
DOB:	11/Jun/1969	Collected:	09/10/2024 08:40
Sex:	M	Tested:	09/10/2024 13:05
Reported:	09/10/2024 16:38	UR/MR No.:	
Reference:		Lab No:	24-22819904-HAE-0
Phone No:	0422 819 505	Status:	Final
		Patient Belongs to	ASHLEIGH VICTORI VAN NIEROP
		User:	NATCI212
Test: HAE-Haematology General			

CLINICAL NOTES:

HAEMATOLOGY

SPECIMEN: WHOLE BLOOD

Date:	09/10/24	(#Refers to current
Coll. Time:	08:40	result only)
Lab Number:	#22819904	

HAEMOGLOBIN	160	(125 - 175) g/L
RBC	5.07	(4.50 - 6.50)x10 ^12 /L
HCT	0.47	(0.40 - 0.55)
MCV	94	(80 - 99) fL
MCH	31.6	(27.0 - 34.0)pg
MCHC	337	(310 - 360) g/L
RDW	13.2	(11.0 - 15.0)%
WCC	7.8	(4.0 - 11.0) x10 ^9 /L
Neutrophils	4.4	(2.0 - 8.0) x10 ^9 /L
Lymphocytes	2.3	(1.0 - 4.0) x10 ^9 /L
Monocytes	0.9	(< 1.1) x10 ^9 /L
Eosinophils	< 0.1	(< 0.7) x10 ^9 /L
Basophils	< 0.1	(< 0.3) x10 ^9 /L
PLATELETS	283	(150 - 450) x10 ^9 /L
MPV	9.6	(7.1 - 11.2) fL

#22819904 : The red cell, white cell and platelet parameters are within normal limits.

GTT-W INM-W RT3-W HCY-W SCR-W THA-W FAI-W FIB-W FBE-C IS-W L

This request has other tests in progress at the time of reporting