

WERRETT, CHANTAL
 20 NEATE AVE, BLACKHEATH. 2785
 Phone: 0431954126
 Birthdate: 18/05/1979 Sex: F Medicare Number: 25252218342
 Your Reference: 00079346 Lab Reference: 21-57589339-HAE-0
 Laboratory: AUSTRALIAN CLINICAL LABS
 Addressee: DR TUAN KHANH DANG Referred by: DR TUAN KHANH DANG

Name of Test: HAEMATOLOGY GENERAL
 Requested: 06/11/2021 Collected: 08/11/2021 Reported: 08/11/2021
 15:46

CLINICAL NOTES:

HAEMATOLOGY

SPECIMEN: WHOLE BLOOD

Date:	20/11/20	08/11/21	(#Refers to current
Coll. Time:	11:16	09:14	result only)
Lab Number:	46197642	#57589339	

HAEMOGLOBIN	127	138	(115 - 165) g/L
RBC	4.09	4.49	(3.80 - 5.50) x10 ¹² /L
HCT	0.37	0.40	(0.35 - 0.47)
MCV	91	90	(80 - 99) fL
MCH	31.1	30.7	(27.0 - 34.0) pg
MCHC	343	345	(310 - 360) g/L
RDW	* 16.2	* 16.1	(11.0 - 15.0) %
WCC	5.5	6.0	(4.0 - 11.0) x10 ⁹ /L
Neutrophils	3.3	3.5	(2.0 - 8.0) x10 ⁹ /L
Lymphocytes	1.6	1.9	(1.0 - 4.0) x10 ⁹ /L
Monocytes	0.4	0.4	(< 1.1) x10 ⁹ /L
Eosinophils	0.1	0.1	(< 0.7) x10 ⁹ /L
Basophils	< 0.1	< 0.1	(< 0.3) x10 ⁹ /L
PLATELETS	192	189	(150 - 450) x10 ⁹ /L

#57589339 : No significant FBE abnormality.

LFT-W ECU-W CPM-W LIP-W IS-W PRG-W OST-W LFH-W FBE-C BFO-W S

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

WERRETT, CHANTAL
 20 NEATE AVE, BLACKHEATH. 2785
 Phone: 0431954126
 Birthdate: 18/05/1979 Sex: F Medicare Number: 25252218342
 Your Reference: 00079346 Lab Reference: 21-57589339-TSH-0
 Laboratory: AUSTRALIAN CLINICAL LABS
 Addressee: DR TUAN KHANH DANG Referred by: DR TUAN KHANH DANG
 Name of Test: THYROID STIMULATING HORM
 Requested: 06/11/2021 Collected: 08/11/2021 Reported: 08/11/2021
 18:22

CLINICAL NOTES:

ENDOCRINOLOGY

THYROID FUNCTION TEST
 SPECIMEN: SERUM

Date:	20/11/20	08/11/21
Coll. Time:	11:16	09:14
Lab Number:	46197642	57589339

Free T4		pmol/L
TSH	1.37	1.36 (0.40 - 4.00) mIU/L

57589339 Normal TSH level.

LFT-W ECU-W CPM-W LIP-W IS-W PRG-W OST-W LFH-W FBE-R BFO-W S

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 20 NEATE AVE, BLACKHEATH. 2785
 Phone: 0431954126
 Birthdate: 18/05/1979 Sex: F Medicare Number: 25252218342
 Your Reference: 00079346 Lab Reference: 21-57589339-LS-0
 Laboratory: AUSTRALIAN CLINICAL LABS
 Addressee: DR TUAN KHANH DANG Referred by: DR TUAN KHANH DANG

 Name of Test: LIPID STUDIES
 Requested: 06/11/2021 Collected: 08/11/2021 Reported: 08/11/2021
 18:28

CLINICAL NOTES:

BIOCHEMISTRY

LIPID STUDIES

SPECIMEN: SERUM

Date:	08/11/21	Desirable Range	
Lab Number:	57589339	(Fasting)	

Fasting status	Fasting		
Total Chol.	4.0	(< 5.6)	mmol/L
HDL Chol.	1.4	(> 1.0)	mmol/L
LDL Chol.	2.2	(< 2.5)	mmol/L
Non-HDL Chol.	2.6	(< 3.9)	mmol/L
Triglyceride	0.8	(< 2.0)	mmol/L
LDL/HDL Ratio	1.6		
Chol/HDL Ratio	2.9		

57589339 Satisfactory lipid profile if not in a high risk category.

Desirable ranges for high CV risk patients are:
 LDL Cholesterol < 2.0 mmol/L
 Non-HDL Cholesterol <2.5 mmol/L

LFT-W ECU-W CPM-W LIP-C IS-C PRG-W OST-W LFH-W FBE-R BFO-W S

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

WERRETT, CHANTAL
20 NEATE AVE, BLACKHEATH. 2785
Phone: 0431954126
Birthdate: 18/05/1979 Sex: F Medicare Number: 25252218342
Your Reference: 00079346 Lab Reference: 21-57589339-GLS-0
Laboratory: AUSTRALIAN CLINICAL LABS
Addressee: DR TUAN KHANH DANG Referred by: DR TUAN KHANH DANG

Name of Test: GLUCOSE
Requested: 06/11/2021 Collected: 08/11/2021 Reported: 08/11/2021
18:28

CLINICAL NOTES:

BIOCHEMISTRY

GLUCOSE

Date	Time	Lab#	Collection Type	Specimen	Glucose (mmol/L)
20/11/20	11:16	46197642	Random	serum	4.2
08/11/21	09:14	57589339	Fasting	serum	4.6

57589339 Normal fasting glucose.
NOTE: HbA1c has been requested.

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:

fl-ox = Fluoride oxalate, serum = Serum, np = Non-Preserved

LFT-W ECU-W CPM-W LIP-C IS-C PRG-W OST-W LFH-W FBE-R BFO-W S

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

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20 NEATE AVE, BLACKHEATH. 2785

Phone: 0431954126

Birthdate: 18/05/1979 Sex: F Medicare Number: 25252218342

Your Reference: 00079346 Lab Reference: 21-57589339-ISM-0

Laboratory: AUSTRALIAN CLINICAL LABS

Addressee: DR TUAN KHANH DANG Referred by: DR TUAN KHANH DANG

Name of Test: IRON MASTER

Requested: 06/11/2021 Collected: 08/11/2021 Reported: 08/11/2021
18:28

CLINICAL NOTES:

BIOCHEMISTRY

IRON STUDIES

SPECIMEN: SERUM

Date:	27/06/18	20/11/20	08/11/21
Lab Number:	6509743	46197642	57589339

Iron	22.0	18.8	17.1	(10.0 - 30.0)	umol/L
Transferrin	2.20	2.29	2.23	(2.10 - 3.80)	g/L
Saturation	40	33	31	(15 - 45)	%
Ferritin *	28 *	19 *	20	(30 - 200)	ug/L

57589339 Iron studies are consistent with iron deficiency.

LFT-W ECU-W CPM-W LIP-C IS-C PRG-W OST-W LFH-W FBE-R BFO-W S

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

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20 NEATE AVE, BLACKHEATH. 2785

Phone: 0431954126

Birthdate: 18/05/1979 Sex: F Medicare Number: 25252218342

Your Reference: 00079346 Lab Reference: 21-57589339-HOR-0

Laboratory: AUSTRALIAN CLINICAL LABS

Addressee: DR TUAN KHANH DANG Referred by: DR TUAN KHANH DANG

Name of Test: HORMONES ,REPRODUCTIVE

Requested: 06/11/2021 Collected: 08/11/2021 Reported: 08/11/2021
18:35

CLINICAL NOTES:

ENDOCRINOLOGY
HORMONE STUDIES

SPECIMEN: SERUM

Date:	30/04/19	20/11/20	08/11/21
Coll. Time:	10:41	11:16	09:14
Lab Number:	3267086	46197642	57589339

FSH		8	7	IU/L
LH		6	6	IU/L
Oestradiol	520		1373	pmol/L
Progesterone	40.3	14.8	16.7	nmol/L

ADULT REFERENCE RANGES:

	F.S.H.	L.H.	OESTRADIOL	PROGESTERONE#
Postmenopausal	> 25	> 25	< 120	< 1.0
Follicular phase	4 - 16	< 15	70 - 530	< 5.0
Midcycle peak	8 - 30	15 - 75	230-1300	
Luteal phase	2 - 12	< 15	200- 790	10.0 - 70.0
Day 21 (midluteal) #				> 30.0

Equivocal 15.0-30.0; Luteal Phase Deficiency < 15.0

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

LFT-W ECU-W CPM-W LIP-C IS-C PRG-C OST-C LFH-C FBE-R BFO-W S

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

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20 NEATE AVE, BLACKHEATH. 2785
Phone: 0431954126
Birthdate: 18/05/1979 Sex: F Medicare Number: 25252218342
Your Reference: 00079346 Lab Reference: 21-57589339-OHD-0
Laboratory: AUSTRALIAN CLINICAL LABS
Addressee: DR TUAN KHANH DANG Referred by: DR TUAN KHANH DANG

Name of Test: VITAMIN D
Requested: 06/11/2021 Collected: 08/11/2021 Reported: 08/11/2021
18:36

CLINICAL NOTES:

ENDOCRINOLOGY

VITAMIN D

SPECIMEN: SERUM

Date	Req. No.	25-hydroxy Vitamin D	
20/11/20	46197642	54	
08/11/21	57589339	81	nmol/L

57589339 Within normal limits.

Interpretation:

Vitamin D deficiency <50 nmol/L
Severe deficiency <20 nmol/L

COMMENT: Vitamin D sufficiency is defined as greater than or equal to 50 nmol/L at the end of winter (level may need to be 10-20 nmol/L higher at the end of summer).

Reference: Position Statement. Vitamin D and Health in Adults in Australia and New Zealand. MJA, 196(11): 686-687, 2012.

LFT-C ECU-C CPM-C LIP-C IS-C PRG-C OST-C LFH-C FBE-R BFO-C S

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

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 20 NEATE AVE, BLACKHEATH. 2785
 Phone: 0431954126
 Birthdate: 18/05/1979 Sex: F Medicare Number: 25252218342
 Your Reference: 00079346 Lab Reference: 21-57589339-BFM-0
 Laboratory: AUSTRALIAN CLINICAL LABS
 Addressee: DR TUAN KHANH DANG Referred by: DR TUAN KHANH DANG
 Name of Test: B12, FOLATE (SERUM/RBC)
 Requested: 06/11/2021 Collected: 08/11/2021 Reported: 08/11/2021
 18:36

CLINICAL NOTES:

BIOCHEMISTRY

VITAMIN B12 AND FOLATE

SPECIMEN: SERUM/BLOOD

Date: 20/11/20 08/11/21
 Time: 11:16 09:14
 Lab Number: 46197642 57589339

Vitamin B12	380	341	pmol/L
Folate		42.3	nmol/L

57589339 Normal B12 and folate results.

RANGES	B12	Serum Folate	Red Cell Folate
Normal	> 180	> 10.0	> 450
Equivocal	150 - 180	5.0 - 10.0	350 - 450
Deficient	< 150	< 5.0	< 350

Vitamin B12 and Folate analyses are performed on the Siemens Centaur/Atellica.

LFT-C ECU-C CPM-C LIP-C IS-C PRG-C OST-C LFH-C FBE-R BFO-C S

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

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 20 NEATE AVE, BLACKHEATH. 2785
 Phone: 0431954126
 Birthdate: 18/05/1979 Sex: F Medicare Number: 25252218342
 Your Reference: 00079346 Lab Reference: 21-57589339-MBI-0
 Laboratory: AUSTRALIAN CLINICAL LABS
 Addressee: DR TUAN KHANH DANG Referred by: DR TUAN KHANH DANG
 Name of Test: MULTIPLE BIOCHEM ANALYSIS
 Requested: 06/11/2021 Collected: 08/11/2021 Reported: 08/11/2021
 18:36

CLINICAL NOTES:

GENERAL CHEMISTRY

SPECIMEN: SERUM

Date:	20/11/20	08/11/21
Time:	11:16	09:14
Request:	46197642	57589339

Sodium	142	143	(135 - 145)	mmol/L
Potassium	3.8	3.7	(3.5 - 5.2)	mmol/L
Chloride	108	106	(95 - 110)	mmol/L
Bicarbonate	28	24	(22 - 32)	mmol/L
Urea	4.7	4.3	(3.0 - 7.0)	mmol/L
Creatinine	54	56	(45 - 90)	umol/L
eGFR	> 90	> 90	(> 59) mL/min/1.73m2	
Calcium		2.36	(2.10 - 2.60)	mmol/L
Adj.Ca		2.35	(2.10 - 2.60)	mmol/L
Magnesium		0.81	(0.70 - 1.10)	mmol/L
Phosphate		1.25	(0.75 - 1.50)	mmol/L
T.Protein	67	69	(60 - 82)	g/L
Albumin	43	41	(35 - 50)	g/L
Globulin	24	28	(23 - 39)	g/L
ALP	76	78	(30 - 120)	U/L
Bilirubin	22	* 30	(< 25)	umol/L
GGT	10	7	(< 51)	U/L
AST	19	18	(< 41)	U/L
ALT	15	14	(< 41)	U/L

57589339 LIVER FUNCTION

Hyperbilirubinaemia is consistent with Gilbert's Syndrome or less likely, increased red cell turnover.

Note: The Calcium and Adjusted Calcium reference ranges have been changed to the Harmonised Australian Reference Intervals on 08/10/2020.

LFT-C ECU-C CPM-C LIP-C IS-C PRG-C OST-C LFH-C FBE-R BFO-C S

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

WERRETT, CHANTAL
20 NEATE AVE, BLACKHEATH. 2785
Phone: 0431954126
Birthdate: 18/05/1979 Sex: F Medicare Number: 25252218342
Your Reference: 00079346 Lab Reference: 21-57589339-AGN-0
Laboratory: AUSTRALIAN CLINICAL LABS
Addressee: DR TUAN KHANH DANG Referred by: DR TUAN KHANH DANG
Name of Test: ANDROGEN STUDIES
Requested: 06/11/2021 Collected: 08/11/2021 Reported: 08/11/2021
18:57

CLINICAL NOTES:

ENDOCRINOLOGY

ANDROGEN STUDIES

SPECIMEN: SERUM

Date: 08/11/21
Time: 09:14
Lab Number: 57589339

SHBG re-std. 82 nmol/L (15 - 100)

57589339 Normal SHBG level.

Interim Reference Ranges:

	Pre menopausal	Post menopausal	Units
FAI re-std.	0.4 - 8.0	0.4 - 8.0	%

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

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

LFT-C ECU-C CPM-C LIP-C IS-C PRG-C OST-C LFH-C FBE-R BFO-C S

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

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 20 NEATE AVE, BLACKHEATH. 2785
 Phone: 0431954126
 Birthdate: 18/05/1979 Sex: F Medicare Number: 25252218342
 Your Reference: 00079346 Lab Reference: 21-57589339-GHB-0
 Laboratory: AUSTRALIAN CLINICAL LABS
 Addressee: DR TUAN KHANH DANG Referred by: DR TUAN KHANH DANG

 Name of Test: GLYCATED HB
 Requested: 06/11/2021 Collected: 08/11/2021 Reported: 09/11/2021
 09:29

CLINICAL NOTES:

BIOCHEMISTRY

HAEMOGLOBIN A1c

SPECIMEN: WHOLE BLOOD

Date	Coll Time	Req. No.	IFCC HbA1c (mmol/mol)	DCCT HbA1c (%)
08/11/21	09:14	57589339	22	4.2

57589339 HbA1c consistent with euglycaemic state.

INTERPRETATION CRITERIA

DIAGNOSIS.

A HbA1c greater than or equal to 48 mmol/mol (6.5 %) is consistent with diabetes

MONITORING.

The usual treatment target is less than or equal to 53 mmol/mol (7%) but may vary depending on the clinical situation.

Please note that Hb A1c results may be influenced by conditions affecting red cells or their survival times such as haemoglobinopathies, anaemias, recent transfusion or blood loss.

Validated by Dr. W. Jenner

LFT-R ECU-R CPM-R LIP-R IS-R PRG-R OST-R LFH-R FBE-R BFO-R S

All tests on this request have now been completed