

Australian Clinical Labs 1868 DANDENONG RD, CLAYTON

Patient: SETTER, GEMMA
14 SINCLAIR ST
CHELTENHAM VIC 3192
DOB: 20/Nov/1985
Sex: F
Reported: 10/11/2023 10:05
Reference:
Phone No: 0452 182 644

Referred: 08/Nov/2023
Collected: 08/11/2023 09:20
Tested: 09/11/2023 08:05
UR/MR No.:
Lab No: 23-81743189-GLS-0
Status: Final
Patient Belongs to KATHRYN MOLONEY
User: NATJ2682

Test: GLS-Glucose

BIOCHEMISTRY

GLUCOSE

Date	Time	Lab#	Collection Type	Specimen	Glucose (mmol/L)
08/11/23	09:20	81743189	Not stated	serum	4.4

81743189 Normal random glucose.

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

GLS-C AGP-B CRP-C HCY-C OHD-C ESR-R FBE-R IS-C LIP-C ECU-C L

All tests on this request have now been completed

Australian Clinical Labs 1868 DANDENONG ROAD, CLAYTON

Patient: SETTER, GEMMA
14 SINCLAIR ST
CHELTENHAM VIC 3192

DOB: 20/Nov/1985

Sex: F

Reported: 09/11/2023 14:35

Reference:

Phone No: 0452 182 644

Referred: 08/Nov/2023

Collected: 08/11/2023 09:20

Tested: 09/11/2023 08:05

UR/MR No.:

Lab No: 23-81743189-HCY-0

Status: Final

Patient Belongs to KATHRYN MOLONEY

User: NATJ2682

Test: HCY-Homocysteine

GENERAL CHEMISTRY

HOMOCYSTEINE

SPECIMEN: SERUM

Date	Time	Lab No.	Fasting status	Homocysteine	Units	Ref Range
08/11/23	09:20	81743189	Not Stated	5.7	umol/L	(5.0 - 15.0)

81743189 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.

AGP-B CRP-C GLU-W HCY-C OHD-C ESR-R FBE-R IS-C LIP-C ECU-C L

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

Australian Clinical Labs 1868 DANDENONG ROAD, CLAYTON

Patient: SETTER, GEMMA
14 SINCLAIR ST
CHELTENHAM VIC 3192

DOB: 20/Nov/1985
Sex: F
Reported: 09/11/2023 12:29

Reference:
Phone No: 0452 182 644

Referred: 08/Nov/2023
Collected: 08/11/2023 09:20
Tested: 09/11/2023 08:05
UR/MR No.:
Lab No: 23-81743189-ISM-0
Status: Final
Patient Belongs to KATHRYN MOLONEY
User: NATJ2682

Test: ISM-Iron Master

BIOCHEMISTRY

IRON STUDIES

SPECIMEN: SERUM

Date: **08/11/23** 06/05/23
Coll. Time: 09:20 09:25
Lab Number: 81743189 74257217

Iron	*	9.3	19.0	(10.0 - 30.0)	umol/L
Transferrin		2.10	2.38	(2.10 - 3.80)	g/L
Saturation		18	32	(15 - 45)	%
Ferritin		36	32	(30 - 200)	ug/L

81743189 Low serum iron but ferritin within normal range.

AGP-B CRP-C GLU-W HCY-W OHD-C ESR-R FBE-R IS-C LIP-C ECU-C L

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

Australian Clinical Labs 1868 DANDENONG ROAD, CLAYTON

Patient: SETTER, GEMMA
14 SINCLAIR ST
CHELTENHAM VIC 3192

DOB: 20/Nov/1985
Sex: F
Reported: 09/11/2023 12:02

Reference:
Phone No: 0452 182 644

Referred: 08/Nov/2023
Collected: 08/11/2023 09:20
Tested: 09/11/2023 08:05
UR/MR No.:
Lab No: 23-81743189-LS-0
Status: Final
Patient Belongs to KATHRYN MOLONEY
User: NATJ2682

Test: LS-Lipid Studies

BIOCHEMISTRY

LIPID STUDIES

SPECIMEN: SERUM

Date: 08/11/23
Coll. Time: 09:20
Lab Number: 81743189

Desirable Range
(Fasting)

Fasting Status Not Stated

Total Chol.	4.3	(< 5.6)	mmol/L
HDL Chol.	1.7	(> 1.1)	mmol/L
LDL Chol.	2.2	(< 3.1)	mmol/L
Non-HDL Chol.	2.6	(< 4.1)	mmol/L
Triglyceride	0.8	(< 2.1)	mmol/L
LDL/HDL Ratio	1.3		
Chol/HDL Ratio	2.5		

81743189 Interpret in conjunction with other cardiovascular risk factors or treatment targets.

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

AGP-B CRP-C GLU-W HCY-W OHD-C ESR-R FBE-R IS-W LIP-C ECU-C L

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

Australian Clinical Labs 1868 DANDENONG ROAD, CLAYTON

Patient: SETTER, GEMMA
14 SINCLAIR ST
CHELTENHAM VIC 3192

DOB: 20/Nov/1985

Sex: F

Reported: 09/11/2023 12:01

Reference:

Phone No: 0452 182 644

Referred: 08/Nov/2023

Collected: 08/11/2023 09:20

Tested: 09/11/2023 08:05

UR/MR No.:

Lab No: 23-81743189-MBI-0

Status: Final

Patient Belongs to KATHRYN MOLONEY

User: NATJ2682

Test: MBI-Multiple Biochem Analysis

GENERAL CHEMISTRY

SPECIMEN: SERUM

Date: 08/11/23

Coll. Time: 09:20

Lab Number: 81743189

Sodium	142	(135 - 145)	mmol/L
Potassium	4.3	(3.5 - 5.2)	mmol/L
Chloride	106	(95 - 110)	mmol/L
Bicarbonate	28	(22 - 32)	mmol/L
Urea	5.5	(3.0 - 7.0)	mmol/L
Creatinine	74	(45 - 90)	umol/L
eGFR	90	(> 59)	mL/min/1.73m2
T.Protein	63	(60 - 80)	g/L
Albumin	36	(35 - 50)	g/L
Globulin	27	(23 - 39)	g/L
ALP	56	(30 - 110)	U/L
Bilirubin	14	(3 - 20)	umol/L
GGT	10	(5 - 35)	U/L
AST	16	(5 - 30)	U/L
ALT	11	(5 - 35)	U/L

81743189 Within reference intervals.

Please note: from 09.11.23 new reference intervals apply for Liver Function Tests. These are sourced from the RCPA Harmonised Reference Intervals (v2.0) document.

AGP-B CRP-C GLU-W HCY-W OHD-C ESR-R FBE-R IS-W LIP-C ECU-C L

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

Australian Clinical Labs 1868 DANDENONG ROAD, CLAYTON

Patient: SETTER, GEMMA
14 SINCLAIR ST
CHELTENHAM VIC 3192

DOB: 20/Nov/1985

Sex: F

Reported: 09/11/2023 12:01

Reference:

Phone No: 0452 182 644

Referred: 08/Nov/2023

Collected: 08/11/2023 09:20

Tested: 09/11/2023 08:05

UR/MR No.:

Lab No: 23-81743189-CRP-0

Status: Final

Patient Belongs to KATHRYN MOLONEY

User: NATJ2682

Test: CRP-C-Reactive Protein

BIOCHEMISTRY

C REACTIVE PROTEIN (CRP)

SPECIMEN: SERUM

Date	Time	Lab No.	CRP	Units	Ref. Range
08/11/23	09:20	81743189	< 0.7	mg/L	(< 3.0)

In the setting of infection, CRP levels >100 mg/L are supportive of bacterial rather than viral aetiology.

Note results from this CRP assay should not be used for cardiac risk assessment. Please request the high sensitivity assay (hsCRP) instead.

AGP-B CRP-C GLU-W HCY-W OHD-C ESR-R FBE-R IS-W LIP-W ECU-W L

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

Australian Clinical Labs 1868 DANDENONG ROAD, CLAYTON

Patient: SETTER, GEMMA
14 SINCLAIR ST
CHELTENHAM VIC 3192

DOB: 20/Nov/1985

Sex: F

Reported: 09/11/2023 11:54

Reference:

Phone No: 0452 182 644

Referred: 08/Nov/2023

Collected: 08/11/2023 09:20

Tested: 09/11/2023 08:05

UR/MR No.:

Lab No: 23-81743189-TMA-0

Status: Final

Patient Belongs to KATHRYN MOLONEY

User: NATJ2682

Test: TMA-TFT Master Panel

ENDOCRINOLOGY

THYROID FUNCTION TEST

SPECIMEN: SERUM

Date: 08/11/23 06/05/23

Coll. Time: 09:20 09:25

Lab Number: 81743189 74257217

Free T4	14.1	13.3	(9.0 - 25.0) pmol/L
TSH	1.25	0.75	(0.40 - 4.00)mIU/L
Free T3	5.2	4.2	(3.5 - 6.5) pmol/L

81743189 Euthyroid levels.

AGP-B CRP-W GLU-W HCY-W OHD-C ESR-R FBE-R IS-W LIP-W ECU-W L

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

Australian Clinical Labs 1868 DANDENONG ROAD, CLAYTON

Patient: SETTER, GEMMA
14 SINCLAIR ST
CHELTENHAM VIC 3192

DOB: 20/Nov/1985

Sex: F

Reported: 09/11/2023 11:54

Reference:

Phone No: 0452 182 644

Referred: 08/Nov/2023

Collected: 08/11/2023 09:20

Tested: 09/11/2023 08:05

UR/MR No.:

Lab No: 23-81743189-OHD-0

Status: Final

Patient Belongs to KATHRYN MOLONEY

User: NATJ2682

Test: OHD-Vitamin D

BIOCHEMISTRY

VITAMIN D

SPECIMEN: SERUM

Date	Time	Lab No.	25-hydroxy Vitamin D		
08/11/23	09:20	81743189	76	(50 - 200)	nmol/L
06/05/23	09:25	74257217	91		

81743189 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.

AGP-B CRP-W GLU-W HCY-W OHD-C ESR-R FBE-R IS-W LIP-W ECU-W L

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

Australian Clinical Labs 1868 DANDENONG ROAD, CLAYTON

Patient: SETTER, GEMMA
 14 SINCLAIR ST
 CHELTENHAM VIC 3192
DOB: 20/Nov/1985
Sex: F
Reported: 09/11/2023 08:52
Reference:
Phone No: 0452 182 644

Referred: 08/Nov/2023
Collected: 08/11/2023 09:20
Tested: 09/11/2023 08:05
UR/MR No.:
Lab No: 23-81743189-HAE-0
Status: Final
Patient Belongs to KATHRYN MOLONEY
User: NATJ2682

Test: HAE-Haematology General

HAEMATOLOGY

SPECIMEN: WHOLE BLOOD

Date: 08/11/23 (#Refers to current
 Coll. Time: 09:20 result only)
 Lab Number: #81743189

HAEMOGLOBIN	127	(115 - 165) g/L
RBC	4.25	(3.80 - 5.50) x10 ¹² /L
HCT	0.39	(0.35 - 0.47)
MCV	91	(80 - 99) fL
MCH	29.9	(27.0 - 34.0) pg
MCHC	328	(310 - 360) g/L
RDW	12.4	(11.0 - 15.0) %
WCC	5.7	(4.0 - 11.0) x10 ⁹ /L
Neutrophils	3.6	(2.0 - 8.0) x10 ⁹ /L
Lymphocytes	1.7	(1.0 - 4.0) x10 ⁹ /L
Monocytes	0.4	(< 1.1) x10 ⁹ /L
Eosinophils	< 0.1	(< 0.7) x10 ⁹ /L
Basophils	0.0	(< 0.3) x10 ⁹ /L
PLATELETS	334	(150 - 450) x10 ⁹ /L
ESR	2	(< 21) mm/h

#81743189 : The red cell, white cell and platelet parameters are within normal limits.

AGP-B CRP-W GLU-W HCY-W OHD-W ESR-C FBE-C IS-W LIP-W ECU-W L

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

Australian Clinical Labs 1868 DANDENONG ROAD, CLAYTON

Patient: SETTER, GEMMA
14 SINCLAIR ST
CHELTENHAM VIC 3192

DOB: 20/Nov/1985

Sex: F

Reported: 09/05/2023 10:12

Reference:

Phone No: 0452 182 644

Referred: 06/May/2023

Collected: 06/05/2023 09:25

Tested: 08/05/2023 14:32

UR/MR No.:

Lab No: 23-74257217-TMC-0

Status: Final

Patient Belongs to KATHRYN MOLONEY

User: NATJ2682

Test: TMC-Trace Metals Red Cells

CLINICAL NOTES: /

TOXICOLOGY

TRACE METALS

SPECIMEN: RED CELLS

Date: 06/05/23

Coll. Time: 09:25

Lab Number: 74257217

Zinc 246 (160 - 250) umol/L

OHD-C IS-C FTP-C RZN-C

All tests on this request have now been completed

Australian Clinical Labs 1868 DANDENONG ROAD, CLAYTON

Patient: SETTER, GEMMA
14 SINCLAIR ST
CHELTENHAM VIC 3192

DOB: 20/Nov/1985

Sex: F

Reported: 08/05/2023 16:18

Reference:

Phone No: 0452 182 644

Referred: 06/May/2023

Collected: 06/05/2023 09:25

Tested: 08/05/2023 14:32

UR/MR No.:

Lab No: 23-74257217-ISM-0

Status: Final

Patient Belongs to KATHRYN MOLONEY

User: NATJ2682

Test: ISM-Iron Master

CLINICAL NOTES: /

BIOCHEMISTRY

IRON STUDIES

SPECIMEN: SERUM

Date: 06/05/23

Coll. Time: 09:25

Lab Number: 74257217

Iron	19.0	(10.0 - 30.0)	umol/L
Transferrin	2.38	(2.10 - 3.80)	g/L
Saturation	32	(15 - 45)	%
Ferritin	32	(30 - 200)	ug/L

74257217 Iron studies are within normal limits.

OHD-C IS-C FTP-C RZN-W

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

Australian Clinical Labs 1868 DANDENONG ROAD, CLAYTON

Patient: SETTER, GEMMA
14 SINCLAIR ST
CHELTENHAM VIC 3192

DOB: 20/Nov/1985

Sex: F

Reported: 08/05/2023 16:18

Reference:

Phone No: 0452 182 644

Referred: 06/May/2023

Collected: 06/05/2023 09:25

Tested: 08/05/2023 14:32

UR/MR No.:

Lab No: 23-74257217-TMA-0

Status: Final

Patient Belongs to KATHRYN MOLONEY

User: NATJ2682

Test: TMA-TFT Master Panel

CLINICAL NOTES: /

ENDOCRINOLOGY

THYROID FUNCTION TEST

SPECIMEN: SERUM

Date: 06/05/23

Coll. Time: 09:25

Lab Number: 74257217

Free T4	13.3	(9.0 - 25.0) pmol/L
TSH	0.75	(0.40 - 4.00)mIU/L
Free T3	4.2	(3.5 - 6.5) pmol/L

74257217 Euthyroid levels.

OHD-C IS-C FTP-C RZN-W

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

Australian Clinical Labs 1868 DANDENONG ROAD, CLAYTON

Patient: SETTER, GEMMA
14 SINCLAIR ST
CHELTENHAM VIC 3192

DOB: 20/Nov/1985

Sex: F

Reported: 08/05/2023 16:18

Reference:

Phone No: 0452 182 644

Referred: 06/May/2023

Collected: 06/05/2023 09:25

Tested: 08/05/2023 14:32

UR/MR No.:

Lab No: 23-74257217-OHD-0

Status: Final

Patient Belongs to KATHRYN MOLONEY

User: NATJ2682

Test: OHD-Vitamin D

CLINICAL NOTES: /

BIOCHEMISTRY

VITAMIN D

SPECIMEN: SERUM

25-hydroxy
Vitamin D

Date Time Lab No.

06/05/23 09:25 74257217 91 nmol/L

74257217 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.

OHD-C IS-C FTP-C RZN-W

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