

Patient Name: MANGOS, TESSA
Patient Address: 23 LANSDOWNE PDE, OATLEY 2223
D.O.B: 29/04/1983
Medicare No.: 26223240961
Lab. Reference: 23-75084579-OHD-0
Addressee: DR SHUO ZHAO
Gender: F
IHI No.:
Provider: AUSTRALIAN CLINICAL LABS
Referred by: DR SHUO ZHAO
Date Requested: 16/01/2023
Date Performed: 16/01/2023
Date Collected: 16/01/2023
Complete: Final
Specimen:
Subject(Test Name): VITAMIN D
Clinical Information:

CLINICAL NOTES: ms ,health assessment ,on tecfedira

ENDOCRINOLOGY

VITAMIN D

SPECIMEN: SERUM

Date	Req. No.	25-hydroxy Vitamin D	
12/01/22	61987569	117	
16/01/23	75084579	140	nmol/L

75084579 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.

CRP-R GHB-R OHD-C B12-R FBE-R IS-R LIP-R CPM-R ECU-R LFT-R T

All tests on this request have now been completed

Patient Name: MANGOS, TESSA
Patient Address: 23 LANSDOWNE PDE, OATLEY 2223
D.O.B: 29/04/1983
Medicare No.: 26223240961
Lab. Reference: 23-75084579-LS-0
Addressee: DR SHUO ZHAO

Gender: F
IHI No.:
Provider: AUSTRALIAN CLINICAL LABS
Referred by: DR SHUO ZHAO

Date Requested: 16/01/2023
Date Collected: 16/01/2023
Specimen:
Subject(Test Name): LIPID STUDIES
Clinical Information:

Date Performed: 16/01/2023
Complete: Final

CLINICAL NOTES: ms ,health assessment ,on tecfedira

BIOCHEMISTRY

LIPID STUDIES

SPECIMEN: SERUM

Date:	12/01/22	16/01/23	Desirable Range	
Lab Number:	61987569	75084579	(Fasting)	
Fasting status	Fasting	Random		
Total Chol.	4.4	4.4	(< 5.6)	mmol/L
HDL Chol.	2.1	2.3	(> 1.0)	mmol/L
LDL Chol.	2.0	1.9	(< 2.5)	mmol/L
Non-HDL Chol.	2.3	2.1	(< 3.9)	mmol/L
Triglyceride	0.7	0.5	(< 2.0)	mmol/L
LDL/HDL Ratio	0.9	0.8		
Chol/HDL Ratio	2.1	1.9		

75084579 Acceptable lipid profile.

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

CRP-C GHB-R OHD-W B12-C FBE-R IS-C LIP-C CPM-C ECU-C LFT-C T

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

Patient Name: MANGOS, TESSA
Patient Address: 23 LANSDOWNE PDE, OATLEY 2223
D.O.B: 29/04/1983
Medicare No.: 26223240961
Lab. Reference: 23-75084579-TMA-0
Addressee: DR SHUO ZHAO
Gender: F
IHI No.:
Provider: AUSTRALIAN CLINICAL LABS
Referred by: DR SHUO ZHAO
Date Requested: 16/01/2023
Date Collected: 16/01/2023
Specimen:
Subject(Test Name): TFT MASTER PANEL
Clinical Information:
Date Performed: 16/01/2023
Complete: Final

CLINICAL NOTES: ms ,health assessment ,on tecfedira

ENDOCRINOLOGY

THYROID FUNCTION TEST

SPECIMEN: SERUM

Date:	12/01/22	16/01/23
Coll. Time:	11:40	10:55
Lab Number:	61987569	75084579

TSH	0.65	0.92 (0.40 - 4.00) mIU/L
-----	------	--------------------------

75084579 Normal TSH level.

CRP-C GHB-R OHD-W B12-C FBE-R IS-C LIP-C CPM-C ECU-C LFT-C T

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

Patient Name: MANGOS, TESSA
Patient Address: 23 LANSDOWNE PDE, OATLEY 2223
D.O.B: 29/04/1983
Medicare No.: 26223240961
Lab. Reference: 23-75084579-BFM-0
Addressee: DR SHUO ZHAO
Gender: F
IHI No.:
Provider: AUSTRALIAN CLINICAL LABS
Referred by: DR SHUO ZHAO
Date Requested: 16/01/2023
Date Performed: 16/01/2023
Date Collected: 16/01/2023
Complete: Final
Specimen:
Subject(Test Name): B12, FOLATE (SERUM/RBC)
Clinical Information:

CLINICAL NOTES: ms ,health assessment ,on tecfedira

BIOCHEMISTRY

VITAMIN B12 AND FOLATE		SPECIMEN: SERUM/BLOOD	
Date:	12/01/22	16/01/23	
Time:	11:40	10:55	
Lab Number:	61987569	75084579	
Vitamin B12	194	602	pmol/L
Active B12	59	(> 30)	pmol/L

75084579 Normal B12 result.

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.
 CRP-C GHB-R OHD-W B12-C FBE-R IS-C LIP-C CPM-C ECU-C LFT-C T
 This request has other tests in progress at the time of reporting

Patient Name: MANGOS, TESSA
Patient Address: 23 LANSDOWNE PDE, OATLEY 2223
D.O.B: 29/04/1983
Medicare No.: 26223240961
Lab. Reference: 23-75084579-MBI-0
Addressee: DR SHUO ZHAO

Gender: F
IHI No.:
Provider: AUSTRALIAN CLINICAL LABS
Referred by: DR SHUO ZHAO

Date Requested: 16/01/2023
Date Collected: 16/01/2023

Date Performed: 16/01/2023
Complete: Final

Specimen:
Subject(Test Name): MULTIPLE BIOCHEM ANALYSIS
Clinical Information:

CLINICAL NOTES: ms ,health assessment ,on tecfedira

GENERAL CHEMISTRY

SPECIMEN: SERUM

	12/01/22	16/01/23	
Date:	11:40	10:55	
Time:	61987569	75084579	
Request:			
Sodium	142	140	(135 - 145) mmol/L
Potassium	3.9	3.9	(3.5 - 5.2) mmol/L
Chloride	106	102	(95 - 110) mmol/L
Bicarbonate	27	25	(22 - 32) mmol/L
Urea	6.2	5.8	(3.0 - 7.0) mmol/L
Creatinine	61	57	(45 - 90) umol/L
eGFR	> 90	> 90	(> 59) mL/min/1.73m2
Calcium	2.54	2.54	(2.10 - 2.60) mmol/L
Adj.Ca	0.81	0.81	(0.70 - 1.10) mmol/L
Magnesium	1.31	1.31	(0.75 - 1.50) mmol/L
Phosphate	76	77	(60 - 82) g/L
T.Protein	43	50	(35 - 50) g/L
Albumin	33	27	(23 - 39) g/L
Globulin	48	47	(30 - 120) U/L
ALP	9	13	(< 25) umol/L
Bilirubin	11	12	(< 51) U/L
GGT	16	22	(< 41) U/L
AST	12	21	(< 41) U/L
ALT			

75084579 Within reference intervals.

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

CRP-C GHB-R OHD-W B12-C FBE-R IS-C LIP-C CPM-C ECU-C LFT-C T

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

Patient Name: MANGOS, TESSA
Patient Address: 23 LANSDOWNE PDE, OATLEY 2223
D.O.B: 29/04/1983
Medicare No.: 26223240961
Lab. Reference: 23-75084579-ISM-0
Addressee: DR SHUO ZHAO
Gender: F
IHI No.:
Provider: AUSTRALIAN CLINICAL LABS
Referred by: DR SHUO ZHAO
Date Requested: 16/01/2023
Date Collected: 16/01/2023
Specimen:
Subject(Test Name): IRON MASTER
Clinical Information:

CLINICAL NOTES: ms ,health assessment ,on tecfedira

BIOCHEMISTRY

IRON STUDIES

SPECIMEN: SERUM

Date:	12/01/22	16/01/23	
Lab Number:	61987569	75084579	
Iron	* 5.3	20.7	(10.0 - 30.0) umol/L
Transferrin	* 1.77 *	2.09	(2.10 - 3.80) g/L
Saturation	* 12	40	(15 - 45) %
Ferritin	143	73	(30 - 200) ug/L

75084579 Low transferrin may be due to acute and chronic inflammatory disease (negative acute phase reactant) or protein losing states.

CRP-C GHB-R OHD-W B12-W FBE-R IS-C LIP-W CPM-W ECU-W LFT-W T

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

Patient Name: MANGOS, TESSA
Patient Address: 23 LANSDOWNE PDE, OATLEY 2223
D.O.B: 29/04/1983
Medicare No.: 26223240961
Lab. Reference: 23-75084579-CRP-0
Addressee: DR SHUO ZHAO
Gender: F
IHI No.:
Provider: AUSTRALIAN CLINICAL LABS
Referred by: DR SHUO ZHAO
Date Requested: 16/01/2023
Date Collected: 16/01/2023
Specimen:
Subject(Test Name): C-REACTIVE PROTEIN
Clinical Information:
Date Performed: 16/01/2023
Complete: Final

CLINICAL NOTES: ms ,health assessment ,on tecfedira

BIOCHEMISTRY

C REACTIVE PROTEIN (CRP)

SPECIMEN: SERUM

Date	Time	Lab No.	CRP Units	Ref. Range
16/01/23	10:55	75084579	< 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.

CRP-C GHB-R OHD-W B12-W FBE-R IS-W LIP-W CPM-W ECU-W LFT-W T

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

Patient Name: MANGOS, TESSA
Patient Address: 23 LANSDOWNE PDE, OATLEY 2223
D.O.B: 29/04/1983
Medicare No.: 26223240961
Lab. Reference: 23-75084579-GHB-0
Addressee: DR SHUO ZHAO
Gender: F
IHI No.:
Provider: AUSTRALIAN CLINICAL LABS
Referred by: DR SHUO ZHAO
Date Requested: 16/01/2023
Date Performed: 16/01/2023
Date Collected: 16/01/2023
Complete: Final
Specimen:
Subject(Test Name): GLYCATED HB
Clinical Information:

CLINICAL NOTES: ms ,health assessment ,on tecfedira

BIOCHEMISTRY

HAEMOGLOBIN A1c

SPECIMEN: WHOLE BLOOD

Date	Coll Time	Req. No.	IFCC	DCCT
			HbA1c (mmol/mol)	HbA1c (%)
12/01/22	11:40	61987569	31	5.0
16/01/23	10:55	75084579	32	5.1

75084579 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.

CRP-W GHB-C OHD-W B12-W FBE-R IS-W LIP-W CPM-W ECU-W LFT-W T

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

Patient Name: MANGOS, TESSA
Patient Address: 23 LANSLOWNE PDE, OATLEY 2223
D.O.B: 29/04/1983
Medicare No.: 26223240961
Lab. Reference: 23-75084579-HAE-0
Addressee: DR SHUO ZHAO

Gender: F
IHI No.:
Provider: AUSTRALIAN CLINICAL LABS
Referred by: DR SHUO ZHAO

Date Requested: 16/01/2023
Date Collected: 16/01/2023
Specimen:
Subject(Test Name): HAEMATOLOGY GENERAL
Clinical Information:

Date Performed: 16/01/2023
Complete: Final

CLINICAL NOTES: ms ,health assessment ,on tecfedira
HAEMATOLOGY

		SPECIMEN: WHOLE BLOOD	
		(#Refers to current result only)	
Date:	12/01/22	16/01/23	
Coll. Time:	11:40	10:55	
Lab Number:	61987569	#75084579	
HAEMOGLOBIN	135	137	(115 - 165) g/L
RBC	4.43	4.53	(3.80 - 5.50)x10 ^12 /L
HCT	0.43	0.43	(0.35 - 0.47)
MCV	97	95	(80 - 99) fL
MCH	30.5	30.2	(27.0 - 34.0)pg
MCHC	314	319	(310 - 360) g/L
RDW	13.2	13.5	(11.0 - 15.0)%
WCC	5.2	5.1	(4.0 - 11.0) x10 ^9 /L
Neutrophils	2.9	2.4	(2.0 - 8.0) x10 ^9 /L
Lymphocytes	1.5	1.8	(1.0 - 4.0) x10 ^9 /L
Monocytes	0.6	0.6	(< 1.1) x10 ^9 /L
Eosinophils	0.2	0.2	(< 0.7) x10 ^9 /L
Basophils	< 0.1	< 0.1	(< 0.3) x10 ^9 /L
PLATELETS	191	169	(150 - 450) x10 ^9 /L
MPV	11.6	11.7	fL

#75084579 : The red cell, white cell and platelet parameters are within normal limits.

CRP-W GHB-W OHD-W B12-W FBE-C IS-W LIP-W CPM-W ECU-W LFT-W T

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