

ROSS, MICHELLE
 24 HILL ST, BELMONT. 3216
Phone: 0401212302
Birthdate: 04/01/1983 **Sex:** F **Medicare Number:** 3389472537
Your Reference: **Lab Reference:** 394796542-H-H900
Laboratory: Melbourne Pathology
Addressee: DR SABA QUTUB **Referred by:** PROF RICHARD L KENNEDY
Copy to:
 DR SABA QUTUB

Name of Test: ED-HAEMATOLOGY
Requested: 27/10/2022 **Collected:** 06/04/2023 **Reported:** 07/04/2023 05:10

HAEMATOLOGY - Blood/EDTA

Date	19/02/22	18/06/22	25/10/22	06/04/23		
Time F-Fast	1206	0859	0900 F	1005 F		
Lab Id.	378929381	388206933	393802149	394796542	Units	Reference
HAEMOGLOBIN	134	141	127	132	g/L	(115-160)
Hct	0.43	0.44	0.41	0.43		(0.35-0.47)
RBC	4.8	4.9	4.6	5.0	x10 ¹² /L	(3.7-5.2)
MCV	90	90	88	86	fL	(80-100)
MCH	28	29	28	26 L	pg	(27-34)
MCHC	310	320	313	307 L	g/L	(310-360)
RDW	13.4	12.9	12.9	14.6		(11-17)
PLATELETS	255	223	226	235	x 10 ⁹ /L	(150-450)
WHITE CELLS	4.7	4.3	3.7 L	4.6	x10 ⁹ /L	(4.0-11.0)
Neutrophils	2.7	2.6	1.8 L	2.9	x10 ⁹ /L	(2.0-7.5)
Lymphocytes	1.6	1.5	1.6	1.4	x10 ⁹ /L	(1.0-4.0)
Monocytes	0.3	0.2	0.2	0.2	x10 ⁹ /L	(0-1.0)
Eosinophils	0.1	0.1	0.1	0.1	x10 ⁹ /L	(0-0.5)
Basophils	0.0	0.0	0.0	0.0	x10 ⁹ /L	(0-0.3)

Comments on Collection 06/04/23 1005 F:
 Red cell changes may indicate early iron depletion. Suggest iron studies if clinically indicated. Concurrent thalassaemia or a haemoglobinopathy are unlikely as red cell parameters have been normal on one occasion previously.

Dept Supervising Pathologist: Dr Ellen Maxwell

Melbourne Pathology NATA No.:2133

Tests Completed: GLUF, FBE
 Tests Pending : FLS, ROCHEft3, ROCHEft4, TSH, EUC, LFT, HOMA IR, ATPO, ATGB, CR*
 Sample Pending :

ROSS, MICHELLE
 24 HILL ST, BELMONT. 3216
Phone: 0401212302
Birthdate: 04/01/1983 **Sex:** F **Medicare Number:** 3389472537
Your Reference: **Lab Reference:** 394796542-C-C950
Laboratory: Melbourne Pathology
Addressee: DR SABA QUTUB **Referred by:** PROF RICHARD L KENNEDY
Copy to:
 DR SABA QUTUB

Name of Test: SE- CHEMISTRY
Requested: 27/10/2022 **Collected:** 06/04/2023 **Reported:** 07/04/2023 10:38

MULTIPLE BIOCHEMICAL ANALYSIS - Serum

Date	18/06/22	25/10/22	06/04/23		
Time F-Fast	0859	0900 F	1005 F		
Lab Id.	388206933	393802149	394796542	Units	Reference
S SODIUM	141	140	140	mmol/L	(135-145)
S POTASSIUM	4.8	4.4	4.9	mmol/L	(3.5-5.5)
S CHLORIDE	106	104	105	mmol/L	(95-110)
S BICARB	26	30	25	mmol/L	(20-32)
S UREA	4.3	4.1	4.0	mmol/L	(2.5-7.0)
S CREAT	74	76	76	umol/L	(45-85)
eGFR	88	86	85		(>59)
S T-BIL	8	6	7	umol/L	(3-15)
S ALP	100	95	87	U/L	(20-105)
S GGT	39 H	32	23	U/L	(5-35)
S ALT	57 H	66 H	22	U/L	(5-30)
S AST	42 H	45 H	23	U/L	(10-35)
S T-PROTEIN	68	64	69	g/L	(64-81)
S ALBUMIN	41	36	42	g/L	(33-46)
S GLOBULIN	27	28	27	g/L	(23-41)
P GLU(Fast)		4.8	5.0	mmol/L	(3.6-6.0)

Comments on Collection 06/04/23 1005 F:
EUC

eGFR between 60 and 90 mL/min/1.73m² could be normal if it is stable over time. Otherwise, consider testing for albuminuria using first morning void if indicated.

For clinical enquiries, please contact Chemical Pathologist
Dr Ken Sikaris on 9287 7720.

Dept. Supervising Pathologist: Dr Andrew Carter

Melbourne Pathology NATA No.: 2133

Tests Completed: FLS, ROCHEfT3, ROCHEfT4, TSH, EUC, LFT, GLUF, ATPO, ATGB, FBE

Tests Pending : HOMA IR, CR*

Sample Pending :

ROSS, MICHELLE
24 HILL ST, BELMONT. 3216
Phone: 0401212302
Birthdate: 04/01/1983 **Sex:** F **Medicare Number:** 3389472537
Your Reference: **Lab Reference:** 394796542-C-C399
Laboratory: Melbourne Pathology
Addressee: DR SABA QUTUB **Referred by:** PROF RICHARD L KENNEDY
Copy to:
DR SABA QUTUB

Name of Test: SE-ANTITHYROID PEROX ABS
Requested: 27/10/2022 **Collected:** 06/04/2023 **Reported:** 07/04/2023 10:38

Date	06/04/23		
Time F-Fast	1005 F		
Lab Id.	394796542	Units	Reference
S TPOAb	129 H	IU/mL	(<35)

Dept. Supervising Pathologist: Dr Andrew Carter

Melbourne Pathology NATA No.: 2133

Tests Completed: FLS, ROCHEfT3, ROCHEfT4, TSH, EUC, LFT, GLUF, ATPO, ATGB, FBE

Tests Pending : HOMA IR, CR*

Sample Pending :

ROSS, MICHELLE
24 HILL ST, BELMONT. 3216
Phone: 0401212302
Birthdate: 04/01/1983 Sex: F Medicare Number: 3389472537
Your Reference: Lab Reference: 394796542-C-C429
Laboratory: Melbourne Pathology
Addressee: DR SABA QUTUB Referred by: PROF RICHARD L KENNEDY
Copy to:
DR SABA QUTUB

Name of Test: SE-ANTITHYROGLOBULIN ABS
Requested: 27/10/2022 Collected: 06/04/2023 Reported: 07/04/2023 10:38

Date	06/04/23		
Time F-Fast	1005 F		
Lab Id.	394796542	Units	Reference
S TgAb	261 H	IU/mL	(<115)

Dept. Supervising Pathologist: Dr Andrew Carter

Melbourne Pathology NATA No.: 2133

Tests Completed: FLS, ROCHEft3, ROCHEft4, TSH, EUC, LFT, GLUF, ATPO, ATGB, FBE
Tests Pending : HOMA IR, CR*
Sample Pending :

ROSS, MICHELLE
24 HILL ST, BELMONT. 3216
Phone: 0401212302
Birthdate: 04/01/1983 Sex: F Medicare Number: 3389472537
Your Reference: Lab Reference: 394796542-C-C282
Laboratory: Melbourne Pathology
Addressee: DR SABA QUTUB Referred by: PROF RICHARD L KENNEDY
Copy to:
DR SABA QUTUB

Name of Test: GL-HOMA INSULIN RES
Requested: 27/10/2022 Collected: 06/04/2023 Reported: 07/04/2023 16:08

HOMEOSTASIS MODEL ASSESSMENT

S Insulin (Fasting):	6.0	mU/L	(0 - 17)
Fasting P Glucose	5.0	mmol/L	(3.6 - 6.0)
HOMA Index:	1.3		(<2)

Comments on Lab Id. 394796542

<2 : Probably normal
2-4: Possibly insulin resistant
4-8: Possibly glucose intolerant
>8 : Possibly diabetic

Dept. Supervising Pathologist: Dr Andrew Carter

Melbourne Pathology NATA No.: 2133

Tests Completed: FLS, ROCHEft3, ROCHEft4, TSH, EUC, LFT, GLUF, HOMA IR, ATPO, ATGB, FBE

Tests Pending : CR*
Sample Pending :

ROSS, MICHELLE
24 HILL ST, BELMONT. 3216
Phone: 0401212302
Birthdate: 04/01/1983 Sex: F Medicare Number: 3389472537
Your Reference: Lab Reference: 394796542-C-C012
Laboratory: Melbourne Pathology
Addressee: DR SABA QUTUB Referred by: PROF RICHARD L KENNEDY
Copy to:
DR SABA QUTUB

Name of Test: SE-LIPID - HDL/LDL
Requested: 27/10/2022 Collected: 06/04/2023 Reported: 07/04/2023 10:38

Date	06/04/23		
Time F-Fast	1005 F		
Lab Id.	394796542	Units	Reference
S CHOL	6.2 H	mmol/L	(3.5-5.5)
S TRIG	0.7	mmol/L	(<1.5)
S HDL-CHOL	2.21	mmol/L	(>1.20)
S LDL-CHOL	3.7 H	mmol/L	(<3.5)
S CHOL/HDL	2.8		(<4.5)
S Non HDL	4.0 H	mmol/L	(<3.9)

Comments on Collection 06/04/23 1005 F:

FLS

LIPID TARGET LEVELS:

The treatment target levels for people at high risk of cardiovascular disease are:

Total Cholesterol	<4.0 mmol/L
Fasting Triglycerides	<2.0 mmol/L
HDL-Cholesterol	>1.00 mmol/L
LDL-Cholesterol	<2.5 mmol/L (<1.8 mmol/L if very high risk)
Non-HDL Cholesterol	<3.3 mmol/L (<2.5 mmol/L if very high risk)

Source: AACB Harmonised Lipid Reporting Guideline - 2018.

Risk Calculator available at www.cvdcheck.org.au

Dept. Supervising Pathologist: Dr Andrew Carter

Melbourne Pathology NATA No.: 2133

Tests Completed: FLS, ROCHEfT3, ROCHEfT4, TSH, EUC, LFT, GLUF, ATPO, ATGB, FBE

Tests Pending : HOMA IR, CR*

Sample Pending :

ROSS, MICHELLE
24 HILL ST, BELMONT. 3216
Phone: 0401212302
Birthdate: 04/01/1983 Sex: F Medicare Number: 3389472537
Your Reference: Lab Reference: 394796542-C-C187
Laboratory: Melbourne Pathology
Addressee: DR SABA QUTUB Referred by: PROF RICHARD L KENNEDY
Copy to:
DR SABA QUTUB

Name of Test: SE-THYROID VIRTUAL
Requested: 27/10/2022 Collected: 06/04/2023 Reported: 07/04/2023 10:38

THYROID FUNCTION TESTS - Serum

Date	19/02/22	18/06/22	25/10/22	06/04/23		
Time F-Fast	1206	0859	0900 F	1005 F		
Lab Id.	378929381	388206933	393802149	394796542	Units	Reference
S TSH(Roche)	1.17	0.67	0.42 L	0.16 L	mU/L	(0.5-5.0)
S FT4(Roche)	10.6 L	11.8	15.3	16.9	pmol/L	(11.0-22.0)
S FT3(Roche)		3.6	3.6	3.7	pmol/L	(3.1-6.4)

Comments on Collection 06/04/23 1005 F:

ROCHEFT4

High dose biotin can interfere with the Roche FT4 and FT3 methods and cause falsely elevated results. High dose biotin may be prescribed for the treatment of Multiple Sclerosis, and may also be found in certain "Hair, Skin and Nail" vitamin supplements. Standard multivitamins contain low levels of biotin and do not cause interference with Roche methods.

TSH

A low TSH raises the possibility of over-replacement unless it is clinically indicated. If the dosage is altered, a repeat test is usually not required until 6 weeks later.

Dept. Supervising Pathologist:Dr Andrew Carter

Melbourne Pathology NATA No.:2133

Tests Completed: FLS,ROCHEFT3,ROCHEFT4,TSH,EUC,LFT,GLUF,ATPO,ATGB,FBE

Tests Pending : HOMA IR,CR*

Sample Pending :

ROSS, MICHELLE

24 HILL ST, BELMONT. 3216

Phone: 0401212302

Birthdate: 04/01/1983 Sex: F Medicare Number: 3389472537

Your Reference: Lab Reference: 394796542-Q-B089

Laboratory: Melbourne Pathology

Addressee: DR SABA QUTUB Referred by: PROF RICHARD L KENNEDY

Copy to:

DR SABA QUTUB

Name of Test: _CHROMIUM VIRTUAL

Requested: 27/10/2022 Collected: 06/04/2023 Reported: 12/04/2023 14:38

Chromium

Date	20/04/20	05/11/20	25/10/22	06/04/23		
Time F-Fast	0830 F	0815 F	0900 F	1005 F		
Lab Id.	351682366	360293567	393802149	394796542	Units	Reference
B1 Chromium	11	<10 L	<10 L	<10 L	nmol/L	(10-100)

Comments on Collection 06/04/23 1005 F:

Urine is the preferred specimen for monitoring occupational chromium exposure. To convert chromium from nmol/L to ug/L (ppb) multiply by 0.052

Melbourne Pathology NATA No.:2133

Tests Completed: FLS,ROCHEFT3,ROCHEFT4,TSH,EUC,LFT,GLUF,HOMA IR,ATPO,ATGB,FBE,CR*

Tests Pending :

Sample Pending :

ROSS, MICHELLE
24 HILL ST, BELMONT. 3216
Phone: 0401212302
Birthdate: 04/01/1983 Sex: F Medicare Number: 3389472537
Your Reference: Lab Reference: 394795919-C-C010
Laboratory: Melbourne Pathology
Addressee: DR SABA QUTUB Referred by: DR SABA QUTUB

Name of Test: SE-IRON STUDIES
Requested: 11/04/2023 Collected: 15/05/2023 Reported: 18/05/2023 05:08

Date	28/01/21	19/02/22	15/05/23		
Time F-Fast	0937 F	1206	0812		
Lab Id.	359209214	378929381	394795919	Units	Reference
S IRON	17	10	10	umol/L	(5-30)
S TRF	2.6	2.7	3.4	g/L	(2.0-3.6)
S TRF SAT	26	15	12	%	(10-45)
S FERRITIN	96	57	6 L	ng/mL	(30-300)

Dept. Supervising Pathologist: Dr Andrew Carter

Melbourne Pathology NATA No.: 2133

Tests Completed: IS
Tests Pending :
Sample Pending :