

Demographic Details				
Practice:	Mr	MARKS	Richard	16/06/1959 Male
Lab:	395248866-C-C950	MARKS	RICHARD	16/06/1959 Male
Provider: Melbourne Pathology				

Reference Details		Collection Details	
Medicare:	3167906755 2	Collected:	14/07/2023 8:37:00 AM
Veterans:		Copy to:	DR WILLIAM BATEMAN; A/PROF ANASTASIA CHR
Pension:		Referred by:	A/PROF ANASTASIA CHRYSOSTOMOU

Investigation Result: MARKS, Richard

Page 1 of 2

SE- CHEMISTRY

S Sodium:	141 mmol/L	135-145	
S Potassium:	4.4 mmol/L	3.5-5.5	
S Chloride:	104 mmol/L	95-110	
S Bicarbonate:	26 mmol/L	20-32	
S Urea:	15.4 mmol/L	3.5-9.0	H
S Creatinine:	235 umol/L	60-110	H
S Bilirubin:	9 umol/L	4-20	
S Alkaline Phosphatase:	68 U/L	35-110	
S ALT:	17 U/L	5-40	
S AST:	19 U/L	10-40	
S Gamma-GT:	12 U/L	5-50	
S Albumin:	37 g/L	34-45	
S Globulin:	30 g/L	23-41	
S Total Protein:	67 g/L	63-80	
S Calcium:	2.32 mmol/L	2.15-2.55	
S Calcium (corrected)	2.38 mmol/L	2.15-2.55	
S Inorganic Phosphate:	1.24 mmol/L	0.8-1.5	
eGFR	24	>59	L

SE- CHEMISTRY

Comment for SE- CHEMISTRY
eGFR 15 - 30 mL/min/1.73m2 indicates severe kidney disease. Nephrologist referral should be considered.
For clinical enquiries, please contact Chemical Pathologist
Dr Ken Sikaris on 9287 7720.

SE- CHEMISTRY

SE- CHEMISTRY

Dept. Supervising Pathologist:Dr Andrew Carter

SE- CHEMISTRY

Melbourne Pathology NATA No.:2133

SE- CHEMISTRY

Tests Completed: HEPATITIS INFO, IS, FLS, CA, ROCHEfT3, ROCHEfT4, TSH, EUC, LFT, PHOS, C3, CRP, HEPB, A1C, FBE, ESR, CS, HEPC

SE- CHEMISTRY

Tests Pending : U PROT/CREAT RATIO, PEP, ANA, GBM(s) , ENA, ANCA, SLC, UC1, GAMMA

SE- CHEMISTRY

Sample Pending : CRYOGLOB

MULTIPLE BIOCHEMICAL ANALYSIS - Serum

Date	20/04/23	14/07/23		
Time F-Fast	1119	0837 F		
Lab Id.	394781067	395248866	Units	Reference
S SODIUM	140	141	mmol/L	(135-145)
S POTASSIUM	5.1	4.4	mmol/L	(3.5-5.5)
S CHLORIDE	106	104	mmol/L	(95-110)
S BICARB	26	26	mmol/L	(20-32)
S UREA	13.5 H	15.4 H	mmol/L	(3.5-9.0)
S CREAT	221 H	235 H	umol/L	(60-110)
eGFR	26 L	24 L		(>59)
S T-BIL		9	umol/L	(4-20)
S ALP		68	U/L	(35-110)
S GGT		12	U/L	(5-50)
S ALT		17	U/L	(5-40)
S AST		19	U/L	(10-40)
S T-PROTEIN		67	g/L	(63-80)
S ALBUMIN		37	g/L	(34-45)
S GLOBULIN		30	g/L	(23-41)
S CALCIUM		2.32	mmol/L	(2.15-2.55)
S CA (Corr)		2.38	mmol/L	(2.15-2.55)
S PHOSPHATE		1.24	mmol/L	(0.8-1.5)
S URIC ACID	0.48		mmol/L	(0.20-0.50)

Comments on Collection 14/07/23 0837 F:

EUC

eGFR 15 - 30 mL/min/1.73m2 indicates severe kidney disease. Nephrologist referral should be considered.

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: HEPATITIS INFO, IS, FLS, CA, ROCHEfT3, ROCHEfT4, TSH, EUC, LFT, PHOS, C3, CRP, HEPB, A1C, FBE, ESR, CS, HEPc

Tests Pending : U PROT/CREAT RATIO, PEP, ANA, GBM(s), ENA, ANCA, SLC, UC1, GAMMA

Sample Pending : CRYOGLOB

End of Report :

Practice:	Mr	MARKS	Richard	16/06/1959	Male
Lab:	395248866-N-I021	MARKS	RICHARD	16/06/1959	Male
Provider:	Melbourne Pathology				

Medicare:	3167906755	2
Veterans:		
Pension:		

Collected: 14/07/2023 8:37:00 AM
Copy to: DR WILLIAM BATEMAN; A/PROF ANASTASIA CHR
Referred by: A/PROF ANASTASIA CHRYSOSTOMOU

Page 1 of 2

GBM (AI)		<0.2	<1
Glomerular Basement Membrane Ab	Not Detected		

Please Note: Melbourne Pathology usually reports GBM antibody results from the Thermofischer EliA method. This method has recently been found to return some falsely elevated low level results. Whilst Thermofischer investigates the cause, we will be reporting GBM antibody results using the bioplex assay. Please note that these assays are not equivalent and therefore differences in results across the 2 assays may not reflect a change in disease activity. Please contact the immunopathologist for further discussion if required.

Melbourne Pathology NATA No.:2133

Tests Completed: HEPATITIS INFO, IS, FLS, U PROT/CREAT RATIO, CA, ROCHEfT3, ROCHEfT4, TSH, EUC, LF T, PHOS, C3, CRP, PEP, HEPB, A1C, FBE, ESR, CS, ANA, GBM(s), ENA, ANCA, SLC, UC1, GAMMA, HEPc

Tests Pending : CRYOGLOB

Sample Pending :

GBM (AI)	<0.2	(	<1	)
GBM Ab	Not Detected			
Comments on Lab Id. 395248866				

Please Note: Melbourne Pathology usually reports GBM antibody results from the Thermofischer EliA method. This method has recently been found to return some falsely elevated low level results. Whilst Thermofischer investigates the cause, we will be reporting GBM antibody results using the bioplex assay. Please note that these assays are not equivalent and therefore differences in results across the 2 assays may not reflect a change in disease activity. Please contact the immunopathologist for further discussion if required.

Melbourne Pathology NATA No.:2133

Tests Completed: HEPATITIS INFO,IS,FLS,U PROT/CREAT RATIO,CA,
ROCHEft3,ROCHEft4,TSH,EUC,LFT,PHOS,C3,CRP,PEP,HEPB,
A1C,FBE,ESR,CS,ANA,GBM(s),ENA,ANCA,SLC,UC1,GAMMA,HEPC

Tests Pending : CRYOGLOB

Sample Pending :

End of Report :

Demographic Details				
Practice:	Mr	MARKS	Richard	16/06/1959 Male
Lab:	395248866-S-S128	MARKS	RICHARD	16/06/1959 Male
Provider: Melbourne Pathology				

Reference Details	Collection Details
Medicare: 3167906755 2	Collected: 14/07/2023 8:37:00 AM
Veterans:	Copy to: DR WILLIAM BATEMAN; A/PROF ANASTASIA CHR
Pension:	Referred by: A/PROF ANASTASIA CHRYSOSTOMOU

Investigation Result: **MARKS, Richard**

Page 1 of 2

GAMMA VIRTUAL

Interpretation	Negative		
TB Specific Antigens (CD4)	0.00 IU/mL		<0.35
TB Specific Antigens (CD4/CD8)	0.00 IU/mL		<0.35
Mitogen Control	2.13 IU/mL		>0.49

GAMMA VIRTUAL
 Comment for GAMMA VIRTUAL
 No evidence of Latent Tuberculosis infection. A negative QuantiFERON result does not exclude active infection, if clinically suspected submit appropriate samples for AFB culture.

High dose biotin may affect the result(s) obtained by this method. If biotin interference needs to be excluded, please phone our Medical Microbiologist on 92877700 for advice.

Please Note: From 07/02/2022 The QuantiFERON-TB Gold Plus assay has changed platform to the DiaSorin LIAISON XL chemiluminescence immunosassay (CLIA).

GAMMA VIRTUAL

GAMMA VIRTUAL
 Pathologists: Drs L Waring,C Perera,G Robertson

GAMMA VIRTUAL
 Melbourne Pathology NATA No.:2133

GAMMA VIRTUAL
 Tests Completed: HEPATITIS INFO,IS,FLS,U PROT/CREAT RATIO,CA,ROCHEft3,ROCHEft4,TSH,EUC,LF T,PHOS,C3,CRP,HEPB, A1C,FBE,ESR,CS,ANA,ENA,ANCA,UC1,GAMMA,HEPC

GAMMA VIRTUAL
 Tests Pending : CRYOGLOB,PEP,GBM(s),SLC

GAMMA VIRTUAL
 Sample Pending :

Interferon Gamma Release Assay-TB

Date	14/07/23		
Time F-Fast	0837 F		
Lab Id.	395248866	Units	Reference

Result:	Negative		
TB Ag CD4	0.00	IU/mL	(<0.35)
TB AG CD4/CD8	0.00	IU/mL	(<0.35)
Mitogen	2.13	IU/mL	(>0.49)

Comments on Collection 14/07/23 0837 F:

No evidence of Latent Tuberculosis infection. A negative QuantiFERON result does not exclude active infection, if clinically suspected submit appropriate samples for AFB culture.

High dose biotin may affect the result(s) obtained by this method. If biotin interference needs to be excluded, please phone our Medical Microbiologist on 92877700 for advice.

Please Note: From 07/02/2022 The QuantiFERON-TB Gold Plus assay has changed platform to the DiaSorin LIAISON XL chemiluminescence immunoassay (CLIA).

Pathologists: Drs L Waring, C Perera, G Robertson

Melbourne Pathology NATA No.:2133

Tests Completed: HEPATITIS INFO, IS, FLS, U PROT/CREAT RATIO, CA, ROCHEfT3, ROCHEfT4, TSH, EUC, LFT, PHOS, C3, CRP, HEPB, A1C, FBE, ESR, CS, ANA, ENA, ANCA, UC1, GAMMA, HEPC

Tests Pending : CRYOGLOB, PEP, GBM(s), SLC

Sample Pending :

End of Report :

Practice:	Mr	MARKS	Richard	16/06/1959	Male
Lab:	395248866-S-I131	MARKS	RICHARD	16/06/1959	Male
Provider:	Melbourne Pathology				

Medicare:	3167906755	2
Veterans:		
Pension:		

Collected: 14/07/2023 8:37:00 AM
Copy to: DR WILLIAM BATEMAN; A/PROF ANASTASIA CHR
Referred by: A/PROF ANASTASIA CHRYSOSTOMOU

Page 1 of 2

Pathologists: Drs L Waring,C Perera,G Robertson

Melbourne Pathology NATA No.:2133

Tests Completed: HEPATITIS INFO,IS,FLS,CA,ROCHEFT3,ROCHEFT4,TSH,EUC,
LFT,PHOS,C3,CRP,HEPB, A1C,FBE,ESR,CS,HEPC

Tests Pending : U PROT/CREAT RATIO,PEP,ANA,GBM(s),ENA,ANCA,SLC,UC1,GAMMA

Sample Pending : CRYOGLOB

End of Report :

Demographic Details				
Practice:	Mr	MARKS	Richard	16/06/1959 Male
Lab:	395248866-H-E301	MARKS	RICHARD	16/06/1959 Male
Provider: Melbourne Pathology				

Reference Details		Collection Details	
Medicare:	3167906755 2	Collected:	14/07/2023 8:37:00 AM
Veterans:		Copy to:	DR WILLIAM BATEMAN; A/PROF ANASTASIA CHR
Pension:		Referred by:	A/PROF ANASTASIA CHRYSOSTOMOU

Investigation Result: **MARKS, Richard**

Page 1 of 2

ED- DIABETES DIAGNOSIS

B Glycosylated Haemoglobin (Hb A1c):	5.4 %	4.4-5.6
HBA1c (IFCC)	36 mmol/mol	25-38
Estimated Average Glucose	6.0 mmol/L	

ED- DIABETES DIAGNOSIS

Comment for ED- DIABETES DIAGNOSIS
Low haemoglobin noted. In the presence of anaemia the HbA1c value may be inaccurate.

In patients with normal red cell turnover, the diagnostic cut-off for diabetes is HbA1c >=6.5% (48mmol/mol).

The general target for treatment of Type 1 or Type 2 diabetes in adults is <=7.0% (53mmol/mol).

For clinical enquiries, please contact Chemical Pathologists
Dr Ken Sikaris / Dr Andrew Carter on 9287 7720.

From 19/01/2021 Melbourne Pathology will be using capillary electrophoresis to measure HbA1c. The results are directly comparable to our previous results measured by HPLC but are more precise, and more accurate, in the presence of many haemoglobin variants.

ED- DIABETES DIAGNOSIS

ED- DIABETES DIAGNOSIS
Dept Supervising Pathologist: Dr Linda Saravanan

ED- DIABETES DIAGNOSIS
Melbourne Pathology NATA No.:2133

ED- DIABETES DIAGNOSIS
Tests Completed: FLS,CA,EUC,LFT,C3,CRP,HEPB, A1C,FBE,ESR,CS,HEPC

ED- DIABETES DIAGNOSIS
Tests Pending : HEPATITIS INFO,IS,U PROT/CREAT RATIO,ROCHEft3,ROCHEft4,TSH,PHOS,PEP,ANA,GBM(s),ENA,ANCA,SIC,UC1,GAMMA

ED- DIABETES DIAGNOSIS
Sample Pending : CRYOGLOB

DIABETES DIAGNOSIS & MONITORING

Time F-Fast	0937 F	1003 F	0837 F		
Lab Id.	348309443	359674612	395248866	Units	Reference
HbA1c	5.2	5.5	5.4	%	(4.4-5.6)
HbA1c (IFCC)	33	37	36	mmol/mol	(25-38)
eAG	5.7	6.2	6.0	mmol/L	

Comments on Collection 14/07/23 0837 F:

Low haemoglobin noted. In the presence of anaemia the HbA1c value may be inaccurate.

In patients with normal red cell turnover, the diagnostic cut-off for diabetes is HbA1c $\geq 6.5\%$ (48mmol/mol).

The general target for treatment of Type 1 or Type 2 diabetes in adults is $\leq 7.0\%$ (53mmol/mol).

For clinical enquiries, please contact Chemical Pathologists
Dr Ken Sikaris / Dr Andrew Carter on 9287 7720.

From 19/01/2021 Melbourne Pathology will be using capillary electrophoresis to measure HbA1c. The results are directly comparable to our previous results measured by HPLC but are more precise, and more accurate, in the presence of many haemoglobin variants.

Dept Supervising Pathologist: Dr Linda Saravanan

Melbourne Pathology NATA No.:2133

Tests Completed: FLS,CA,EUC,LFT,C3,CRP,HEPB, A1C,FBE,ESR,CS,HEPC

Tests Pending : HEPATITIS INFO,IS,U PROT/CREAT RATIO,ROCHEft3,
ROCHEft4,TSH,PHOS,PEP,ANA,GBM(s),ENA,ANCA,SLC,UC1,GAMMA

Sample Pending : CRYOGLOB

End of Report :

Demographic Details					
Practice:	Mr	MARKS	Richard	16/06/1959	Male
Lab:	395248866-H-H900	MARKS	RICHARD	16/06/1959	Male
Provider: Melbourne Pathology					

Reference Details	Collection Details	
Medicare: 3167906755	2	Collected: 14/07/2023 8:37:00 AM
Veterans:		Copy to: DR WILLIAM BATEMAN; A/PROF ANASTASIA CHR
Pension:		Referred by: A/PROF ANASTASIA CHRYSOSTOMOU

Investigation Result: MARKS, Richard

Page 1 of 2

ED-HAEMATOLOGY

E.S.R.	11 mm/hr	2-14	
HAEMOGLOBIN	122 g/L	130-180	L
Red cell count	4.1 x10*12/L	4.3-5.8	L
Haematocrit	0.38	0.39-0.51	L
M.C.H.	30 pg	27-34	
M.C.H.C.	319 g/L	310-360	
M.C.V.	93 fL	80-100	
WHITE CELL COUNT	8.4 x10*9/L	4.0-11.0	
PLATELETS	183 x 10*9/L	150-450	
Neutrophils	5.3 x10*9/L	2.0-7.5	
Lymphocytes	2.1 x10*9/L	1.0-4.0	
Monocytes	0.5 x10*9/L	0-1.0	
Basophils	0.1 x10*9/L	0-0.3	
Eosinophils	0.3 x10*9/L	0-0.5	
RDW	12.7	11-17	

ED-HAEMATOLOGY
Report 395248866 updated on 14/07/2023 at 13:16: Additional Test(s) Reported:
ERYTHROCYTE SED RATE

** UPDATED REPORT **

Dept Supervising Pathologist: Dr Linda Saravanan
Melbourne Pathology NATA No.:2133
Tests Completed: FBE,ESR
Tests Pending : HEPATITIS INFO,IS,FLS,U PROT/CREAT RATIO,CA,ROCHEft3,ROCHEft4,TSH,EUC,LF
T,PHOS,C3,CRP,PEP,HEPB, A1C,CS,ANA,GBM(s),ENA,ANCA,SLC,UC1,GAMMA,HEPC
Sample Pending : CRYOGLOB

HAEMATOLOGY - Blood/EDTA

Date	14/07/23		
Time F-Fast	0837 F		
Lab Id.	395248866	Units	Reference
HAEMOGLOBIN	122 L	g/L	(130-180)

Hct	0.38 L		(0.39-0.51)
RBC	4.1 L	x10 ¹² /L	(4.3-5.8)
MCV	93	fL	(80-100)
MCH	30	pg	(27-34)
MCHC	319	g/L	(310-360)
RDW	12.7		(11-17)
PLATELETS	183	x 10 ⁹ /L	(150-450)
WHITE CELLS	8.4	x10 ⁹ /L	(4.0-11.0)
Neutrophils	5.3	x10 ⁹ /L	(2.0-7.5)
Lymphocytes	2.1	x10 ⁹ /L	(1.0-4.0)
Monocytes	0.5	x10 ⁹ /L	(0-1.0)
Eosinophils	0.3	x10 ⁹ /L	(0-0.5)
Basophils	0.1	x10 ⁹ /L	(0-0.3)
ESR	11	mm/hr	(2-14)

Dept Supervising Pathologist: Dr Linda Saravanan

Report 395248866 updated on 14/07/2023 at 13:16: Additional Test(s) Reported:
 ERYTHROCYTE SED RATE

**** UPDATED REPORT ****

Melbourne Pathology NATA No.:2133

Tests Completed: FBE,ESR

Tests Pending : HEPATITIS INFO,IS,FLS,U PROT/CREAT RATIO,CA,
 ROCHEfT3,ROCHEfT4,TSH,EUC,LFT,PHOS,C3,CRP,PEP,HEPB,
 A1C,CS,ANA,GBM(s),ENA,ANCA,SLC,UC1,GAMMA,HEPC

Sample Pending : CRYOGLOB

End of Report :

Demographic Details

Practice:

Mr

MARKS

Richard

16/06/1959

Male

Lab:

395248866-C-C010

MARKS

RICHARD

16/06/1959

Male

Provider:

Melbourne Pathology

Reference Details

Medicare:

3167906755

2

Veterans:

Pension:

Collection Details

Collected:

14/07/2023 8:37:00 AM

Copy to:

DR WILLIAM BATEMAN; A/PROF ANASTASIA CHR

Referred by:

A/PROF ANASTASIA CHRYSOSTOMOU

Investigation Result: MARKS, Richard

Page 1 of 2

SE-IRON STUDIES

S Iron:	18 umol/L	5-30
Transferrin Saturation:	36 %	10-45
S Transferrin:	2.0 g/L	2.0-3.2
S Ferritin:	338 ng/mL	30-500

SE-IRON STUDIES

SE-IRON STUDIES
Dept. Supervising Pathologist:Dr Andrew Carter

SE-IRON STUDIES
Melbourne Pathology NATA No.:2133

SE-IRON STUDIES
Tests Completed: HEPATITIS INFO, IS, FLS, CA, ROCHEfT3, ROCHEfT4, TSH, EUC, LFT, PHOS, C3, CRP, HEPB, A1C, FBE, ESR, CS, HEPC

SE-IRON STUDIES
Tests Pending : U PROT/CREAT RATIO, PEP, ANA, GBM(s) , ENA, ANCA, SLC, UC1, GAMMA

SE-IRON STUDIES
Sample Pending : CRYOGLOB

Date	30/10/12	14/07/23		
Time F-Fast	1600	0837 F		
Lab Id.	317252452	395248866	Units	Reference
S IRON	6	18	umol/L	(5-30)
S TRF	1.8 L	2.0	g/L	(2.0-3.2)
S TRF SAT	13	36	%	(10-45)
S FERRITIN	265	338	ng/mL	(30-500)

Dept. Supervising Pathologist:Dr Andrew Carter
Melbourne Pathology NATA No.:2133

Tests Completed: HEPATITIS INFO, IS, FLS, CA, ROCHEfT3, ROCHEfT4, TSH, EUC, LFT, PHOS, C3, CRP, HEPB, A1C, FBE, ESR, CS, HEPC
Tests Pending : U PROT/CREAT RATIO, PEP, ANA, GBM(s) , ENA, ANCA, SLC, UC1, GAMMA
Sample Pending : CRYOGLOB

End of Report :

Demographic Details					
Practice:	Mr	MARKS	Richard	16/06/1959	Male
Lab:	395248866-I-I157	MARKS	RICHARD	16/06/1959	Male
Provider:	Melbourne Pathology				
Reference Details			Collection Details		
Medicare:	3167906755	2	Collected:	14/07/2023 8:37:00 AM	
Veterans:	DR WILLIAM BATEMAN; A/PROF ANASTASIA CHR				
Pension:	A/PROF ANASTASIA CHRYSOSTOMOU				

Investigation Result: MARKS, Richard

Page 1 of 2

SE- ENA VIRTUAL

Extractable Nuclear
Antigens: Negative

SE- ENA VIRTUAL
Comment for SE- ENA VIRTUAL
The ENA (Phadia EliA) method screens for the following extractable nuclear antigens: SM, RNP, SS-A (RO), SS-B (LA), RO-52, SCL-70, JO-1 and CENPB. If testing for other ENA specificities is required, please contact the laboratory as soon as possible.

SE- ENA VIRTUAL

SE- ENA VIRTUAL
Drs G Unglik & J Bosco

SE- ENA VIRTUAL
Melbourne Pathology NATA No.:2133

SE- ENA VIRTUAL
Tests Completed: HEPATITIS INFO, IS, FLS, U PROT/CREAT RATIO, CA, ROCHEft3, ROCHEft4, TSH, EUC, LF T, PHOS, C3, CRP, HEPB, A1C, FBE, ESR, CS, ANA, ENA, ANCA, UC1, GAMMA, HEPc

SE- ENA VIRTUAL
Tests Pending : CRYOGLOB, PEP, GBM(s), SLC

SE- ENA VIRTUAL
Sample Pending :

Antibodies to Extractable Nuclear Antigens
Date 14/07/23
Time 0837 F
Lab Id. 395248866

ENA Negative

Comments on Collection 14/07/23 0837 F:
The ENA (Phadia EliA) method screens for the following extractable nuclear antigens: SM, RNP, SS-A (RO), SS-B (LA), RO-52, SCL-70, JO-1 and CENPB. If testing for other ENA specificities is required, please contact the laboratory as soon as possible.

Drs G Unglik & J Bosco
Melbourne Pathology NATA No.:2133

Tests Completed: HEPATITIS INFO,IS,FLS,U PROT/CREAT RATIO,CA,
ROCHEftT3,ROCHEftT4,TSH,EUC,LFT,PHOS,C3,CRP,HEPB, A1C,
FBE,ESR,CS,ANA,ENA,ANCA,UC1,GAMMA,HEPC
Tests Pending : CRYOGLOB,PEP,GBM(s),SLC
Sample Pending :

End of Report :

Demographic Details

Practice:

Mr

MARKS

Richard

16/06/1959

Male

Lab:

395248866-H-H240

MARKS

RICHARD

16/06/1959

Male

Provider:

Melbourne Pathology

Reference Details

Medicare:

3167906755

2

Veterans:

Pension:

Collection Details

Collected:

14/07/2023 8:37:00 AM

Copy to:

DR WILLIAM BATEMAN; A/PROF ANASTASIA CHR

Referred by:

A/PROF ANASTASIA CHRYSOSTOMOU

Investigation Result: MARKS, Richard

Page 1 of 2

CI-CLOTTING PROFILE

PLATELETS	183 x 10*9/L	150-450
Prothrombin ratio (INR)	1.1	0.8-1.2
Fibrinogen	3.6 g/L	2.0-4.5
Prothrombin Time	12 seconds	10-14
APTT	25 seconds	20-32
Thrombin Time	17 seconds	14-21

CI-CLOTTING PROFILE
Specimen - plasma

CI-CLOTTING PROFILE

CI-CLOTTING PROFILE
Dept Supervising Pathologist: Dr Linda Saravanan

CI-CLOTTING PROFILE
Melbourne Pathology NATA No.:2133

CI-CLOTTING PROFILE
Tests Completed: HEPB,FBE,ESR,CS,HEPC

CI-CLOTTING PROFILE
Tests Pending : HEPATITIS INFO,IS,FLS,U PROT/CREAT RATIO,CA,ROCHEft3,ROCHEft4,TSH,EUC,LF
T,PHOS,C3,CRP,PEP, A1c,ANA,GBM(s),ENA,ANCA,SLC,UC1,GAMMA

CI-CLOTTING PROFILE
Sample Pending : CRYOGLOB

Date	14/07/23		
Time F-Fast	0837 F		
Lab Id.	395248866	Units	Reference
PT	12	seconds	(10-14)
INR	1.1		(0.8-1.2)
APTT	25	seconds	(20-32)
FIB	3.6	g/L	(2.0-4.5)
TT	17	seconds	(14-21)
PLATELETS	183	x 10*9/L	(150-450)

CS Specimen - plasma

Dept Supervising Pathologist: Dr Linda Saravanan

Melbourne Pathology NATA No.:2133

Tests Completed: HEPB,FBE,ESR,CS,HEPC

Tests Pending : HEPATITIS INFO,IS,FLS,U PROT/CREAT RATIO,CA,
ROCHEft3,ROCHEft4,TSH,EUC,LFT,PHOS,C3,CRP,PEP, A1C,
ANA,GBM(s),ENA,ANCA,SLC,UC1,GAMMA

Sample Pending : CRYOGLOB

End of Report :

Practice:	Mr	MARKS	Richard	16/06/1959	Male
Lab:	395248866-S-I150	MARKS	RICHARD	16/06/1959	Male
Provider:	Melbourne Pathology				

Medicare:	3167906755	2
Veterans:		
Pension:		

Collected: 14/07/2023 8:37:00 AM
Copy to: DR WILLIAM BATEMAN; A/PROF ANASTASIA CHR
Referred by: A/PROF ANASTASIA CHRYSOSTOMOU

Page 1 of 2

Microbiologist on 92877700 for advice.

Pathologists: Drs L Waring,C Perera,G Robertson

Melbourne Pathology NATA No.:2133

Tests Completed: HEPB,FBE,ESR,CS,HEPC

Tests Pending : HEPATITIS INFO,IS,FLS,U PROT/CREAT RATIO,CA,
ROCHEfT3,ROCHEfT4,TSH,EUC,LFT,PHOS,C3,CRP,PEP, A1C,
ANA,GBM(s),ENA,ANCA,SLC,UC1,GAMMA

Sample Pending : CRYOGLOB

End of Report :

Demographic Details					
Practice:	Mr	MARKS	Richard	16/06/1959	Male
Lab:	395248866-C-C154	MARKS	RICHARD	16/06/1959	Male
Provider: Melbourne Pathology					

Reference Details		Collection Details	
Medicare:	3167906755 2	Collected:	14/07/2023 8:37:00 AM
Veterans:		Copy to:	DR WILLIAM BATEMAN; A/PROF ANASTASIA CHR
Pension:		Referred by:	A/PROF ANASTASIA CHRYSOSTOMOU

Investigation Result: **MARKS, Richard**

Page 1 of 2

SE- PROTEIN STUDIES

S Total Protein:	67 g/L	63-80	
S Kappa FLC (Siemens)	28 mg/L	7-22	H
S Lambda FLC (Siemens)	32 mg/L	8-27	H
K/L Ratio (Siemens)	0.88	0.31-1.56	
Albumin (Calculated)	43 g/L	38-51	
Alpha 1 Globulin	2.9 g/L	2.2-4.1	
Alpha 2 Globulin	6.2 g/L	4.9-8.7	
Beta 1 Globulin	3.6 g/L	3.4-5.8	
Beta 2 Globulin	3.5 g/L	2.1-4.9	
Gamma Globulin	8.2 g/L	6-16	

SE- PROTEIN STUDIES

Comment for SE- PROTEIN STUDIES

No paraprotein bands are visible on routine electrophoresis.

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

FLC = Free Light Chains

K = Kappa

L = Lambda

Increased serum free light chains with a normal (K/L) ratio can occur not only when monoclonal light chains are present, but also when immunoglobulin synthesis is elevated (e.g. autoimmune, liver and inflammatory diseases, infection) or immunoglobulin excretion is reduced (e.g. renal impairment).

SE- PROTEIN STUDIES

SE- PROTEIN STUDIES

Dept. Supervising Pathologist:Dr Andrew Carter

SE- PROTEIN STUDIES

Melbourne Pathology NATA No.:2133

SE- PROTEIN STUDIES

Tests Completed: HEPATITIS INFO,IS,FLS,U PROT/CREAT RATIO,CA,ROCHEft3,ROCHEft4,TSH,EUC,LF T,PHOS,C3,CRP,PEP,HEPB, A1C,FBE,ESR,CS,ANA,ENA,ANCA,SLC,UC1,GAMMA,HEPC

SE- PROTEIN STUDIES

Tests Pending : CRYOGLOB,GBM(s)

SE- PROTEIN STUDIES

Sample Pending :

Protein Studies

Date	25/05/22	14/07/23		
Time F-Fast	0848 F	0837 F		
Lab Id.	368572992	395248866	Units	Reference
S KFLC (Siem)		28 H	mg/L	(7-22)
S LFLC (Siem)		32 H	mg/L	(8-27)
K/L (Siemens)		0.88		(0.31-1.56)
S T-PROTEIN	66	67	g/L	(63-80)
S ALBUMIN		43	g/L	(38-51)
S ALPHA-1		2.9	g/L	(2.2-4.1)
S ALPHA-2		6.2	g/L	(4.9-8.7)
S BETA-1		3.6	g/L	(3.4-5.8)
S BETA-2		3.5	g/L	(2.1-4.9)
S GAMMA		8.2	g/L	(6-16)

Comments on Collection 14/07/23 0837 F:

PEP

No paraprotein bands are visible on routine electrophoresis.

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

SLC

FLC = Free Light Chains

K = Kappa

L = Lambda

Increased serum free light chains with a normal (K/L) ratio can occur not only when monoclonal light chains are present, but also when immunoglobulin synthesis is elevated (e.g. autoimmune, liver and inflammatory diseases, infection) or immunoglobulin excretion is reduced (e.g. renal impairment).

Dept. Supervising Pathologist: Dr Andrew Carter

Melbourne Pathology NATA No.: 2133

Tests Completed: HEPATITIS INFO, IS, FLS, U PROT/CREAT RATIO, CA, ROCHEfT3, ROCHEfT4, TSH, EUC, LFT, PHOS, C3, CRP, PEP, HEPB, A1C, FBE, ESR, CS, ANA, ENA, ANCA, SLC, UC1, GAMMA, HEPC

Tests Pending : CRYOGLOB, GBM(s)

Sample Pending :

End of Report :

Demographic Details				
Practice:	Mr	MARKS	Richard	16/06/1959 Male
Lab:	395248866-I-I168	MARKS	RICHARD	16/06/1959 Male
Provider: Melbourne Pathology				
Reference Details			Collection Details	
Medicare:	3167906755	2	Collected:	14/07/2023 8:37:00 AM
Veterans:				
Pension:				
			Copy to:	DR WILLIAM BATEMAN; A/PROF ANASTASIA CHR
			Referred by:	A/PROF ANASTASIA CHRYSOSTOMOU

Investigation Result: MARKS, Richard

Page 1 of 2

SE-ANCA

Anti-Neutrophil Cytoplasmic Ab (ANCA) IF Negative

SE-ANCA

Negative ANCA results may occur in 20% of patients with granulomatosis with polyangiitis (GPA), microscopic polyangiitis (MPA) or eosinophilic granulomatosis with polyangiitis (EGPA).

SE-ANCA

SE-ANCA
Drs G Unglik & J Bosco

SE-ANCA
Melbourne Pathology NATA No.:2133

SE-ANCA
Tests Completed: HEPATITIS INFO,IS,FLS,U PROT/CREAT RATIO,CA,ROCHEft3,ROCHEft4,TSH,EUC,LFT,PHOS,C3,CRP,HEPB, A1C,FBE,ESR,CS,ANCA,UC1,HEPC

SE-ANCA
Tests Pending : PEP,ANA,GBM(s),ENA,SLC,GAMMA

SE-ANCA
Sample Pending : CRYOGLOB

Vasculitis Serology

Anti-Neutrophil Cytoplasmic Ab (ANCA) IF Negative
Comments on Lab Id. 395248866

Negative ANCA results may occur in 20% of patients with granulomatosis with polyangiitis (GPA), microscopic polyangiitis (MPA) or eosinophilic granulomatosis with polyangiitis (EGPA).

Drs G Unglik & J Bosco
Melbourne Pathology NATA No.:2133

Tests Completed: HEPATITIS INFO,IS,FLS,U PROT/CREAT RATIO,CA,ROCHEft3,ROCHEft4,TSH,EUC,LFT,PHOS,C3,CRP,HEPB, A1C,FBE,ESR,CS,ANCA,UC1,HEPC
Tests Pending : PEP,ANA,GBM(s),ENA,SLC,GAMMA

Sample Pending : CRYOGLOB

End of Report :

Demographic Details				
Practice:	Mr	MARKS	Richard	16/06/1959 Male
Lab:	395248866-I-I008	MARKS	RICHARD	16/06/1959 Male
Provider:	Melbourne Pathology			
Reference Details			Collection Details	
Medicare:	3167906755	2	Collected:	14/07/2023 8:37:00 AM
Veterans:				
Pension:				
			Copy to:	DR WILLIAM BATEMAN; A/PROF ANASTASIA CHR
			Referred by:	A/PROF ANASTASIA CHRYSOSTOMOU

Investigation Result: MARKS, Richard

Page 1 of 2

SE-ANTINUCLEAR FACTOR

ANA Not Detected

SE-ANTINUCLEAR FACTOR
Method: Indirect Immunofluorescence on Hep2000

SE-ANTINUCLEAR FACTOR

SE-ANTINUCLEAR FACTOR
Drs G Unglik & J Bosco

SE-ANTINUCLEAR FACTOR
Melbourne Pathology NATA No.:2133

SE-ANTINUCLEAR FACTOR
Tests Completed: HEPATITIS INFO, IS, FLS, U PROT/CREAT RATIO, CA, ROCHEft3, ROCHEft4, TSH, EUC, LF
T, PHOS, C3, CRP, HEPB, A1C, FBE, ESR, CS, ANA, ENA, ANCA, UC1, GAMMA, HEPC

SE-ANTINUCLEAR FACTOR
Tests Pending : CRYOGLOB, PEP, GBM(s), SLC

SE-ANTINUCLEAR FACTOR
Sample Pending :

Anti-Nuclear Antibodies

ANA Not Detected
Comments on Lab Id. 395248866

Method: Indirect Immunofluorescence on Hep2000

Drs G Unglik & J Bosco
Melbourne Pathology NATA No.:2133

Tests Completed: HEPATITIS INFO, IS, FLS, U PROT/CREAT RATIO, CA,
ROCHEft3, ROCHEft4, TSH, EUC, LFT, PHOS, C3, CRP, HEPB, A1C,
FBE, ESR, CS, ANA, ENA, ANCA, UC1, GAMMA, HEPC
Tests Pending : CRYOGLOB, PEP, GBM(s), SLC
Sample Pending :

End of Report :

Demographic Details

Practice:

Mr

MARKS

Richard

16/06/1959

Male

Lab:

395248866-C-C102

MARKS

RICHARD

16/06/1959

Male

Provider:

Melbourne Pathology

Reference Details

Medicare:

3167906755

2

Veterans:

Pension:

Collection Details

Collected:

14/07/2023 8:37:00 AM

Copy to:

DR WILLIAM BATEMAN; A/PROF ANASTASIA CHR

Referred by:

A/PROF ANASTASIA CHRYSOSTOMOU

Investigation Result: MARKS, Richard

Page 1 of 1

SE-C3/C4

S Complement C3:	1.24 g/L	0.83-1.77
S Complement C4:	0.37 g/L	0.15-0.45

SE-C3/C4

SE-C3/C4
Dept. Supervising Pathologist:Dr Andrew Carter

SE-C3/C4
Melbourne Pathology NATA No.:2133

SE-C3/C4
Tests Completed: FLS,CA,EUC,LFT,C3,CRP,HEPB, A1C,FBE,ESR,CS,HEPC

SE-C3/C4
Tests Pending : HEPATITIS INFO,IS,U PROT/CREAT RATIO,ROCHEft3,ROCHEft4,TSH,PHOS,PEP,ANA,GBM(s),ENA,ANCA,SLC,UC1,GAMMA

SE-C3/C4
Sample Pending : CRYOGLOB

Date	14/07/23		
Time F-Fast	0837 F		
Lab Id.	395248866	Units	Reference
S C3	1.24	g/L	(0.83-1.77)
S C4	0.37	g/L	(0.15-0.45)

Dept. Supervising Pathologist:Dr Andrew Carter
Melbourne Pathology NATA No.:2133

Tests Completed: FLS,CA,EUC,LFT,C3,CRP,HEPB, A1C,FBE,ESR,CS,HEPC
Tests Pending : HEPATITIS INFO,IS,U PROT/CREAT RATIO,ROCHEft3,ROCHEft4,TSH,PHOS,PEP,ANA,GBM(s),ENA,ANCA,SLC,UC1,GAMMA
Sample Pending : CRYOGLOB

End of Report :

Demographic Details				
Practice:	Mr	MARKS	Richard	16/06/1959 Male
Lab:	395248866-C-C012	MARKS	RICHARD	16/06/1959 Male
Provider: Melbourne Pathology				
Reference Details			Collection Details	
Medicare:	3167906755	2	Collected:	14/07/2023 8:37:00 AM
Veterans:			Copy to:	DR WILLIAM BATEMAN; A/PROF ANASTASIA CHR
Pension:			Referred by:	A/PROF ANASTASIA CHRYSOSTOMOU

Investigation Result: MARKS, Richard

Page 1 of 2

SE-LIPID - HDL/LDL

S Cholesterol:	5.7 mmol/L	3.5-5.5	H
S HDL-Cholesterol:	1.28 mmol/L	>1.00	
S LDL-Cholesterol:	4.0 mmol/L	<3.5	H
S Triglycerides:	1.0 mmol/L	<1.5	
Chol/HDL	4.5	<4.5	H
Non HDL Cholesterol	4.4 mmol/L	<3.9	H

SE-LIPID - HDL/LDL

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

SE-LIPID - HDL/LDL

SE-LIPID - HDL/LDL

Dept. Supervising Pathologist: Dr Andrew Carter

SE-LIPID - HDL/LDL

Melbourne Pathology NATA No.: 2133

SE-LIPID - HDL/LDL

Tests Completed: FLS, CA, EUC, LFT, C3, CRP, HEPB, A1C, FBE, ESR, CS, HEPC

SE-LIPID - HDL/LDL

Tests Pending : HEPATITIS INFO, IS, U PROT/CREAT RATIO, ROCHEFT3, ROCHEFT4, TSH, PHOS, PEP, ANA, GBM(s), ENA, ANCA, SLC, UC1, GAMMA

SE-LIPID - HDL/LDL

Sample Pending : CRYOGLOB

Date	12/12/18	02/07/20	25/05/22	14/07/23	
Time F-Fast	0937 F	1003 F	0848 F	0837 F	
Lab Id.	348309443	359674612	368572992	395248866	Units Reference

S CHOL	4.3	4.9	4.6	5.7 H	mmol/L	(3.5-5.5)
S TRIG	0.7	0.8	0.7	1.0	mmol/L	(<1.5)
S HDL-CHOL	1.34	1.37	1.25	1.28	mmol/L	(>1.00)
S LDL-CHOL	2.6	3.2	3.0	4.0 H	mmol/L	(<3.5)
S CHOL/HDL-C	3.2	3.6	3.7	4.5 H		(<4.5)
S Non HDL-C			3.4	4.4 H	mmol/L	(<3.9)

Comments on Collection 14/07/23 0837 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, CA, EUC, LFT, C3, CRP, HEPB, A1C, FBE, ESR, CS, HEPC

Tests Pending : HEPATITIS INFO, IS, U PROT/CREAT RATIO, ROCHEfT3,
ROCHEfT4, TSH, PHOS, PEP, ANA, GBM(s), ENA, ANCA, SLC, UC1, GAMMA

Sample Pending : CRYOGLOB

End of Report :

Demographic Details

Practice:

Mr

MARKS

Richard

16/06/1959

Male

Lab:

395248866-C-C187

MARKS

RICHARD

16/06/1959

Male

Provider:

Melbourne Pathology

Reference Details

Medicare:

3167906755

2

Veterans:

Pension:

Collection Details

Collected:

14/07/2023 8:37:00 AM

Copy to:

DR WILLIAM BATEMAN; A/PROF ANASTASIA CHR

Referred by:

A/PROF ANASTASIA CHRYSOSTOMOU

Investigation Result: MARKS, Richard

Page 1 of 2

SE-THYROID VIRTUAL

FT3 (Roche)	4.7 pmol/L	3.2-6.4
FT4 (Roche)	15.2 pmol/L	11.0-22.0
TSH (Roche)	0.68 mU/L	0.5-5.5

SE-THYROID VIRTUAL
Comment for SE-THYROID VIRTUAL
A normal TSH is consistent with an euthyroid state.

SE-THYROID VIRTUAL

SE-THYROID VIRTUAL
Dept. Supervising Pathologist:Dr Andrew Carter

SE-THYROID VIRTUAL
Melbourne Pathology NATA No.:2133

SE-THYROID VIRTUAL
Tests Completed: HEPATITIS INFO, IS, FLS, CA, ROCHEfT3, ROCHEfT4, TSH, EUC, LFT, PHOS, C3, CRP, HEPB, A1C, FBE, ESR, CS, HEPC

SE-THYROID VIRTUAL
Tests Pending : U PROT/CREAT RATIO, PEP, ANA, GBM(s) , ENA, ANCA, SLC, UC1, GAMMA

SE-THYROID VIRTUAL
Sample Pending : CRYOGLOB

THYROID FUNCTION TESTS - Serum

Date	25/05/22	16/12/22	14/07/23		
Time F-Fast	0848 F	0814	0837 F		
Lab Id.	368572992	394277710	395248866	Units	Reference
S TSH (Roche)	0.36 L	0.93	0.68	mU/L	(0.5-5.5)
S FT4 (Roche)	14.3	14.7	15.2	pmol/L	(11.0-22.0)
S FT3 (Roche)	4.3	4.1	4.7	pmol/L	(3.2-6.4)

Comments on Collection 14/07/23 0837 F:
TSH
A normal TSH is consistent with an euthyroid state.

Dept. Supervising Pathologist:Dr Andrew Carter

Melbourne Pathology NATA No.:2133

Tests Completed: HEPATITIS INFO, IS, FLS, CA, ROCHEfT3, ROCHEfT4, TSH, EUC,
LFT, PHOS, C3, CRP, HEPB, A1C, FBE, ESR, CS, HEPC

Tests Pending : U PROT/CREAT RATIO, PEP, ANA, GBM(s), ENA, ANCA, SLC, UC1, GAMMA

Sample Pending : CRYOGLOB

End of Report :

Demographic Details				
Practice:	Mr	MARKS	Richard	16/06/1959 Male
Lab:	395248866-M-M330	MARKS	RICHARD	16/06/1959 Male
Provider: Melbourne Pathology				

Reference Details	Collection Details
Medicare: 3167906755 2	Collected: 14/07/2023 8:37:00 AM
Veterans:	Copy to: DR WILLIAM BATEMAN; A/PROF ANASTASIA CHR
Pension:	Referred by: A/PROF ANASTASIA CHRYSOSTOMOU

Investigation Result: **MARKS, Richard**

Page 1 of 2

U-URINE MICRO/CULT1

SPECIMEN :	URINE		
pH:		6	
Protein:	++		*
Glucose:	Nil		
Blood:	Trace		
Ketones:	Nil		
Bilirubin:	Nil		
Specific gravity:	1.014		1.005-1.030
Leucocytes:	0 X10*6/L		<10
Erythrocytes:	5 X10*6/L		<12
Squamous epithelial cells:	5 X10*6/L		
	CULTURE:		
	No significant growth		

U-URINE MICRO/CULT1

U-URINE MICRO/CULT1
FINAL REPORT - Updated on 15/07/2023 at 09:20

U-URINE MICRO/CULT1

U-URINE MICRO/CULT1
Pathologists: Drs L Waring,C Perera,G Robertson

U-URINE MICRO/CULT1
Melbourne Pathology NATA No.:2133

U-URINE MICRO/CULT1
Tests Completed: HEPATITIS INFO,IS,FLS,CA,ROCHEfT3,ROCHEfT4,TSH,EUC,LFT,PHOS,C3,CRP,HEPB,A1C,FBE,ESR,CS,UC1,HEPC

U-URINE MICRO/CULT1
Tests Pending : U PROT/CREAT RATIO,PEP,ANA,GBM(s),ENA,ANCA,SLC,GAMMA

U-URINE MICRO/CULT1
Sample Pending : CRYOGLOB

SPECIMEN : URINE

pH: 6 Protein: * ++ Glucose: Nil
Blood: Trace Ketones: Nil
Bilirubin: Nil
Specific gravity: 1.014 (1.005 - 1.030)

MICROSCOPY:

Leucocytes: 0 X10*6/L (<10)
Erythrocytes: 5 X10*6/L (<12)
Squamous epithelial cells: 5 X10*6/L

CULTURE: No significant growth

Pathologists: Drs L Waring, C Perera, G Robertson

FINAL REPORT - Updated on 15/07/2023 at 09:20

Melbourne Pathology NATA No.:2133

Tests Completed: HEPATITIS INFO, IS, FLS, CA, ROCHEFT3, ROCHEFT4, TSH, EUC,
LFT, PHOS, C3, CRP, HEPB, A1C, FBE, ESR, CS, UC1, HEPC
Tests Pending : U PROT/CREAT RATIO, PEP, ANA, GBM(s), ENA, ANCA, SLC, GAMMA
Sample Pending : CRYOGLOB

End of Report :

Demographic Details

Practice:

Mr

MARKS

Richard

16/06/1959

Male

Lab:

395248866-C-C171

MARKS

RICHARD

16/06/1959

Male

Provider:

Melbourne Pathology

Reference Details

Medicare:

3167906755

2

Veterans:

Pension:

Collection Details

Collected:

14/07/2023 8:37:00 AM

Copy to:

DR WILLIAM BATEMAN; A/PROF ANASTASIA CHR

Referred by:

A/PROF ANASTASIA CHRYSOSTOMOU

Investigation Result: MARKS, Richard

Page 1 of 1

U-URINE VIRTUAL(RANDOM)

U Creatinine, random	7.0	mmol/L		
U Protein/Creatinine ratio	141	mg/mmol	<30	H
U Protein, random	989	mg/L	<135	H

U-URINE VIRTUAL (RANDOM)

U-URINE VIRTUAL (RANDOM)
Dept. Supervising Pathologist:Dr Andrew Carter

U-URINE VIRTUAL (RANDOM)
Melbourne Pathology NATA No.:2133

U-URINE VIRTUAL (RANDOM)
Tests Completed: HEPATITIS INFO,IS,FLS,U PROT/CREAT RATIO,CA,ROCHEft3,ROCHEft4,TSH,EUC,LFT,PHOS,C3,CRP,HEPB, A1C,FBE,ESR,CS,UC1,HEPC

U-URINE VIRTUAL (RANDOM)
Tests Pending : PEP,ANA,GBM(s),ENA,ANCA,SLC,GAMMA

U-URINE VIRTUAL (RANDOM)
Sample Pending : CRYOGLOB

U Creatinine, random	7.0	mmol/L		
U Protein, random	H 989	mg/L	(<135)	
U Protein/Creatinine ratio	H 141	mg/mmol	(<30)	

Dept. Supervising Pathologist:Dr Andrew Carter
Melbourne Pathology NATA No.:2133

Tests Completed: HEPATITIS INFO,IS,FLS,U PROT/CREAT RATIO,CA,ROCHEft3,ROCHEft4,TSH,EUC,LFT,PHOS,C3,CRP,HEPB, A1C,FBE,ESR,CS,UC1,HEPC
Tests Pending : PEP,ANA,GBM(s),ENA,ANCA,SLC,GAMMA
Sample Pending : CRYOGLOB

End of Report :