

Krishna Kumar NARAYANA 17/9 BURLEY ST

0451989804

Test Name	Referring doctor	Request Date	Report Date
Vit D(s)	dr rouesnel	24/02/2025	3/03/2025 2:45:00 PM

Service provider: dhmlLocation: Labref :

Comments on Collection 24/02/25 Unkn:

Consistent with moderate Vitamin D deficiency.

Due to the prolonged half-life of 25-OH Vitamin D, reassessment of Vitamin D status should not be undertaken until at least 3 to 4 months after implementing supplementation or changing the dose of replacement therapy.

According to the Position Statement 'Vitamin D and health in adults in Australia and New Zealand' MJA, 196(11):686-687, 2012, Vitamin D status is defined as:

Mild Deficiency	30	-	49 nmol/L
Moderate Deficiency	12.5	-	29 nmol/L
Severe Deficiency	<12.5		nmol/L

Vitamin D adequacy can be defined as a level >49 nmol/L at the end of winter - the level may need to be 10 - 20 nmol/L higher at the end of summer, to allow for seasonal decrease.

From 1st November 2014, Medicare rebates for vitamin D testing will apply to patients at risk of Vitamin D deficiency such as chronic lack of sun exposure.

NATA Accreditation No 2178

Tests Completed: LFT(s),Chol(s),C(s),UCreat(s),E(s),Glu(p),UA(s),
Lipids HDL(s),RU-Malb,Vit D(s),TSH(s),PSA(s),
HbA1c Diag(e),FBC(e),MSU

Tests Pending :

Sample Pending :

Clinical Notes : NO HISTORY

Date	27/01/18	19/10/21	24/02/25		
Time F-Fast	0915 F	0806 F	Unkn		
Lab ID	268385845	866141224	894183227	Units	Reference
Vitamin D	L 22	L 18	L 25	nmol/L	(50-140)

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Test Name	Referring doctor	Request Date	Report Date
UCreat(s)	dr rouesnel	24/02/2025	24/02/2025 5:00:00 PM

Service provider: dhmLocation: Labref :

Clinical Notes : NO HISTORY

Date	10/02/15	27/01/18	19/10/21	24/02/25		
Time F-Fast	Unkn F	0915 F	0806 F	Unkn		
Lab ID	243801424	268385845	866141224	894183227	Units	Reference
Urea	L 2.6	3.1	L 2.1	L 2.2	mmol/L	(3.0-8.0)
Creatinine	60	60	60	L 55	umol/L	(60-110)
eGFR	>90	>90	>90	>90	mL/min/1.73m2	(>59)

NATA Accreditation No 2178

Tests Completed: LFT(s),Chol(s),C(s),UCreat(s),E(s),Glu(p),UA(s),
Lipids HDL(s), HbA1c Diag(e),FBC(e)
Tests Pending : RU-Malb,TSH(s),PSA(s),MSU
Sample Pending :

NARAYANAN Krishnakumar 17/9 BURLEY ST

0451989804

Test Name	Referring doctor	Request Date	Report Date
UA(s)	dr rouesnel	24/02/2025	24/02/2025 5:00:00 PM

Service provider: dhmLocation: Labref :

Clinical Notes : NO HISTORY

Date	24/02/25			
Time	Unkn			
Lab ID	894183227		Units	Reference
Urate	0.35		mmol/L	(0.20-
0.50)				

NATA Accreditation No 2178

Tests Completed: LFT(s),Chol(s),C(s),UCreat(s),E(s),Glu(p),UA(s),
Lipids HDL(s), HbA1c Diag(e),FBC(e)
Tests Pending : RU-Malb,TSH(s),PSA(s),MSU
Sample Pending :

NARAYANAN Krishnakumar 17/9 BURLEY ST

0451989804

Test Name	Referring doctor	Request Date	Report Date
TSH(s)	dr rouesnel	24/02/2025	24/02/2025 5:30:00 PM

Service provider: dhmLocation: Labref :

Clinical Notes : NO HISTORY

Date	10/02/15	27/01/18	19/10/21	24/02/25		
Time F-Fast	Unkn F	0915 F	0806 F	Unkn		
Lab ID	243801424	268385845	866141224	894183227	Units	Reference
TSH	1.26	1.40	0.92	1.69	mIU/L	(0.40-
3.50)						

NATA Accreditation No 2178

Tests Completed: LFT(s),Chol(s),C(s),UCreat(s),E(s),Glu(p),UA(s),
Lipids HDL(s),TSH(s),PSA(s), HbA1c Diag(e),FBC(e)
Tests Pending : RU-Malb,MSU
Sample Pending :

NARAYANAN Krishnakumar 17/9 BURLEY ST

0451989804

Test Name	Referring doctor	Request Date	Report Date
RU-Malb	dr rouesnel	24/02/2025	25/02/2025 7:15:00 AM

Service provider: dhmLocation: Labref :

Clinical Notes : NO HISTORY

Microalbumin, Random Urine

U-Creatinine	3.7	mmol/L	
R U-Albumin	<3.0	mg/L	
R U-Albumin/Creat	<0.8	mg/mmol	(<2.5)
Comment on Lab ID 894183227			

The urine microalbumin concentration is below the test's lower limit of detection (<3.0 mg/L). The above calculated microalbumin:creatinine ratio is expressed as maximum possible value.

NATA Accreditation No 2178

Tests Completed: LFT(s),Chol(s),C(s),UCreat(s),E(s),Glu(p),UA(s),
Lipids HDL(s),RU-Malb,TSH(s),PSA(s), HbA1c Diag(e),FBC(e)
Tests Pending : MSU
Sample Pending :

NARAYANAN Krishnakumar 17/9 BURLEY ST

0451989804

Test Name	Referring doctor	Request Date	Report Date
PSA(s)	dr rouesnel	24/02/2025	24/02/2025 5:30:00 PM

Service provider: dhmlLocation: Labref :

Clinical Notes : NO HISTORY

Date	19/10/21	24/02/25		
Time F-Fast	0806 F	Unkn		
Lab ID	866141224	894183227	Units	Reference
Total PSA	0.42	0.46	ug/L	(0.25-2.5)

Comments on Collection 24/02/25 Unkn:

This PSA result does not indicate a high risk for prostate cancer. If indicated suggest follow-up PSA testing after the patient reaches 50 years.

NATA Accreditation No 2178

Tests Completed: LFT(s),Chol(s),C(s),UCreat(s),E(s),Glu(p),UA(s),
Lipids HDL(s),TSH(s),PSA(s), HbA1c Diag(e),FBC(e)

Tests Pending : RU-Malb,MSU

Sample Pending :

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0451989804

Test Name	Referring doctor	Request Date	Report Date
MSU	dr rouesnel	24/02/2025	25/02/2025 8:45:00 AM

Service provider: dhmlLocation: Labref :

Clinical Notes : NO HISTORY

Urine

pH	6	Protein	Nil	Glucose	Nil
Blood	Nil	Ketones	Nil		
Specific gravity	1.007		(1.005 - 1.030)		

Microscopy

Leucocytes	0	$\times 10^6/L$	(	<10	)
Erythrocytes	0	$\times 10^6/L$	(	<10	)
Epithelial cells	5	$\times 10^6/L$			

Culture No growth

FINAL REPORT - Updated on 25/02/2025 at 08:44

NATA Accreditation No 2178

Tests Completed: LFT(s),Chol(s),C(s),UCreat(s),E(s),Glu(p),UA(s),
Lipids HDL(s),RU-Malb,TSH(s),PSA(s), HbA1c Diag(e),
FBC(e),MSU

Tests Pending :

Sample Pending :

NARAYANAN Krishnakumar 17/9 BURLEY ST

0451989804

Test Name	Referring doctor	Request Date	Report Date
Lipids HDL(s)	dr rouesnel	24/02/2025	24/02/2025 4:15:00 PM

Service provider: dhml Location: Labref :

Clinical Notes : NO HISTORY

Date	10/02/15	27/01/18	19/10/21	24/02/25		
Time F-Fast	Unkn F	0915 F	0806 F	Unkn		
Lab ID	243801424	268385845	866141224	894183227	Units	Reference
Status	Fasting	Fasting	Fasting	Unknown		
Cholesterol	L 3.5	L 3.7	L 3.0	3.6	mmol/L	(<5.5)
Triglycerides	0.9	1.1	1.0	0.7	mmol/L	(<2.0)
HDL Chol.	0.9	0.9	0.8	L 0.8	mmol/L	(>1.0)
LDL Chol.	2.2	2.3	1.7	2.5	mmol/L	(<3.0)
Non-HDL Chol.				2.8	mmol/L	(<4.0)

Comments on Collection 24/02/25 Unkn:

Please note that the above reference limits are decision limits.

A flag based on these limits is an indication to review the absolute cardiovascular risk for the patient. For assessment of absolute cardiovascular disease risk please see www.cvdcheck.org.au

The above decision limits are based on the European Atherosclerosis Society (EAS) and European Federation of Clinical Chemistry and Laboratory Medicine (EFLM) Consensus Statement 2016 and the Australasian Association of Clinical Biochemistry and Laboratory Medicine (AACB) Lipid Reporting Guideline 2018.

Lipid treatment targets for patients at high risk of cardiovascular disease:

Total cholesterol	<4.0 mmol/L
Triglyceride	<2.0 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)

High risk - Primary prevention Very high risk - Secondary prevention

Target values from the AACB Lipid Reporting Guideline 2018.

Please note that as there is a continuum of risk, benefits are obtained for any measured lipid components moving towards and beyond the various target levels.

NATA Accreditation No 2178

Tests Completed: Glu(p), UA(s), Lipids HDL(s), HbA1c Diag(e), FBC(e)
 Tests Pending : LFT(s), Chol(s), C(s), UCreat(s), E(s), RU-Malb, TSH(s),
 PSA(s), MSU
 Sample Pending :

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Test Name	Referring doctor	Request Date	Report Date
LFT(s)	dr rouesnel	24/02/2025	24/02/2025 5:00:00 PM

Service provider: dhmlLocation: Labref :

Clinical Notes : NO HISTORY

Date	10/02/15	27/01/18	19/10/21	24/02/25		
Time F-Fast	Unkn F	0915 F	0806 F	Unkn		
Lab ID	243801424	268385845	866141224	894183227	Units	Reference
AST	21	21	22	29	U/L	(10-40)
ALT	25	23	31	H 47	U/L	(5-40)
ALP	73	64	73	60	U/L	(35-110)
GGT	24	21	19	23	U/L	(5-50)
LD	233	150	148	H 290	U/L	(120-250)
Bili.Total	H 30	H 28	19	H 22	umol/L	(4-20)
Total Protein	74	75	68	77	g/L	(68-85)
Albumin	39	39	39	42	g/L	(39-50)
Globulin	35	36	29	35	g/L	(23-39)

NATA Accreditation No 2178

Tests Completed: LFT(s),Chol(s),C(s),UCreat(s),E(s),Glu(p),UA(s),
Lipids HDL(s), HbA1c Diag(e),FBC(e)

Tests Pending : RU-Malb,TSH(s),PSA(s),MSU

Sample Pending :

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Test Name	Referring doctor	Request Date	Report Date
HbA1c Diag(e)	dr rouesnel	24/02/2025	24/02/2025 2:45:00 PM

Service provider: dhmLocation: Labref :

Clinical Notes : NO HISTORY

Date	19/10/21	24/02/25		
Time F-Fast	0806 F	Unkn		
Lab ID	866141224	894183227	Units	Reference
HbA1c (IFCC)	36	35	mmol/mol	(20-38)
HbA1c (NGSP)	5.4	5.3	%	(4.0-5.6)

Comments on Collection 24/02/25 Unkn:

HbA1c less than 48 mmol/mol (6.5%) does not exclude a diagnosis of diabetes mellitus based upon elevated glucose results. The existing diagnostic criteria for fasting and random glucose levels and for oral glucose tolerance testing remain valid, and are the diagnostic tests of choice for type 1 diabetes and in the presence of conditions that interfere with HbA1c measurement. Conditions which may affect the measured HbA1c value include any of the haemolytic anaemias, anaemia of chronic disease, severe liver disease, vitamin B12 and/or folate deficiency, the haemoglobinopathies and regular phlebotomy performed for medical indications or for blood donation. It also should be noted that further investigation is required for any inexplicably low HbA1c level or significant discrepancy between HbA1c and glucose results.

NATA Accreditation No 2178

Tests Completed: Glu(p), HbA1c Diag(e), FBC(e)

Tests Pending : LFT(s), Chol(s), C(s), UCreat(s), E(s), UA(s),
Lipids HDL(s), RU-Malb, TSH(s), PSA(s), MSU

Sample Pending :

NARAYANAN Krishnakumar 17/9 BURLEY ST

0451989804

Test Name	Referring doctor	Request Date	Report Date
Glu(p)	dr rouesnel	24/02/2025	24/02/2025 12:45:00 PM

Service provider: dhmLocation: Labref :

Clinical Notes : NO HISTORY

Date	10/02/15	27/01/18	19/10/21	24/02/25		
Time F-Fast	Unkn F	0915 F	0806 F	Unkn		
Lab ID	243801424	268385845	866141224	894183227	Units	Reference
Status	Fasting	Fasting	Fasting	Unknown		
F Gluc Plasma	4.2	4.4	4.1		mmol/L	(3.6-6.0)
R Gluc Plasma				4.3	mmol/L	(3.6-7.7)

NATA Accreditation No 2178

Tests Completed: Glu(p) ,FBC(e)

**Tests Pending : LFT(s) ,Chol(s) ,C(s) ,UCreat(s) ,E(s) ,UA(s) ,
Lipids HDL(s) ,RU-Malb, TSH(s) , PSA(s) , HbA1c Diag(e) ,MSU**

Sample Pending :

NARAYANAN Krishnakumar 17/9 BURLEY ST

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Test Name	Referring doctor	Request Date	Report Date
FBC(e)	dr rouesnel	24/02/2025	24/02/2025 12:45:00 PM

Service provider: dhmlLocation: Labref :

Clinical Notes : NO HISTORY

Date	10/02/15	27/01/18	19/10/21	24/02/25		
Time F-Fast	Unkn F	0915 F	0806 F	Unkn		
Lab ID	243801424	268385845	866141224	894183227	Units	Reference
Haemoglobin	149	144	143	145	g/L	(130-180)
RCC	5.9	5.8	5.6	5.4	x10 ¹² /L	(4.5-6.5)
Haematocrit	0.45	0.44	0.43	0.42		(0.39-
0.54)						
MCV	L 76	L 76	L 77	L 77	fL	(80-100)
MCH	L 25.2	L 24.8	L 25.7	L 26.9	pg	(27.0-
32.0)						
MCHC	330	328	333	349	g/L	(310-360)
RDW	13.3	13.5	13.8	13.2		(10.0-
15.0)						
WCC	9.9	8.4	8.3	7.2	x10 ⁹ /L	(4.0-
11.0)						
Neutrophils	6.23	5.35	5.04	4.10	x10 ⁹ /L	(2.0-7.5)
Lymphocytes	2.42	2.20	2.53	2.43	x10 ⁹ /L	(1.0-4.0)
Monocytes	0.67	0.60	0.53	0.47	x10 ⁹ /L	(0.0-1.0)
Eosinophils	0.49	0.19	0.20	0.18	x10 ⁹ /L	(0.0-0.5)
Basophils	0.06	0.04	0.03	0.03	x10 ⁹ /L	(0.0-0.3)
NRBC	<1.0	<1.0	<1.0	<1.0	/100 WBC	(<1)
Platelets	314	301	324	320	x10 ⁹ /L	(150-450)

Comments on Collection 24/02/25 Unkn:

Borderline / low red cell indices.

Possible causes include iron deficiency and thalassaemia trait / haemoglobinopathy.

NATA Accreditation No 2178

Tests Completed: Glu(p),FBC(e)

Tests Pending : LFT(s),Chol(s),C(s),UCreat(s),E(s),UA(s),

Lipids HDL(s),RU-Malb,TSH(s),PSA(s),HbA1c Diag(e),MSU

Sample Pending :

NARAYANAN Krishnakumar 17/9 BURLEY ST

0451989804

Test Name	Referring doctor	Request Date	Report Date
E(s)	dr rouesnel	24/02/2025	24/02/2025 5:00:00 PM

Service provider: dhmLocation: Labref :

Clinical Notes : NO HISTORY

Date	10/02/15	27/01/18	19/10/21	24/02/25		
Time F-Fast	Unkn F	0915 F	0806 F	Unkn		
Lab ID	243801424	268385845	866141224	894183227	Units	Reference
Sodium	140	140	138	140	mmol/L	(135-145)
Potassium	3.8	4.3	4.1	4.3	mmol/L	(3.5-5.5)
Chloride	105	108	108	109	mmol/L	(95-110)
Bicarbonate	21	25	22	L 19	mmol/L	(20-32)

NATA Accreditation No 2178

Tests Completed: LFT(s),Chol(s),C(s),UCreat(s),E(s),Glu(p),UA(s),
Lipids HDL(s), HbA1c Diag(e),FBC(e)

Tests Pending : RU-Malb,TSH(s),PSA(s),MSU

Sample Pending :

NARAYANAN Krishnakumar 17/9 BURLEY ST

0451989804

Test Name	Referring doctor	Request Date	Report Date
Chol(s)	dr rouesnel	24/02/2025	24/02/2025 5:00:00 PM

Service provider: dhmLocation: Labref :

Clinical Notes : NO HISTORY

Date	24/02/25		
Time	Unkn		
Lab ID	894183227	Units	Reference
Cholesterol	3.6	mmol/L	(<5.5)

NATA Accreditation No 2178

Tests Completed: LFT(s),Chol(s),C(s),UCreat(s),E(s),Glu(p),UA(s),
Lipids HDL(s), HbA1c Diag(e),FBC(e)

Tests Pending : RU-Malb,TSH(s),PSA(s),MSU

Sample Pending :