TEALE, KIERA
100 TOWNCENTRE DR, THORNLIE. 6108
Phone: 61026071
Birthdate: 17/08/1996 **Sex:** F **Medicare Number:** 6279605581
Your Reference: **Lab Reference:** 23-82459672-HAE-0
Laboratory: WESTERN DIAGNOSTIC PATHOLOGY
Addressee: DR SUDHA ARUNKUMAR **Referred by:** DR SUDHA ARUNKUMAR

Name of Test: HAEM MASTER - ENQUIRIES (HAE-0)
Requested: 06/06/2023 **Collected:** 06/06/2023 **Reported:** 06/06/2023 16:26

ROUTINE HAEMATOLOGY(Whole Blood)

RCC 4.72 x 10^12/L (3.80 - 5.80)		HAEMOGLOBIN	138	(115 - 160)	g/L
HCT 0.420 (0.370 - 0.470)		MCV	89	(80 - 98)	fL
MCH 29.2 pg (27.0 - 34.0)		MCHC	329	(315 - 360)	g/L
		RDW	13	(< 16)	%
		PLATELETS	316	(150 - 450)	x 10^9/L
		WHITE CELLS	9.3	(4.0 - 11.0)	x 10^9/L
		Neut 64%	6.0	(2.0 - 8.0)	" "
		Lymph 24%	2.2	(1.0 - 4.0)	" "
		Mono 5%	0.5	(0.2 - 1.2)	" "
	*	Eosin 7%	**0.7**	(< 0.7)	" "

Please note the slight change to FBC reference ranges as of 30/01/2023

Requested Tests : VID*, TF*, LFT*, GA*, EUC*, IRS*, HAE, GL*, BF*, A12*

TEALE, KIERA
100 TOWNCENTRE DR, THORNLIE. 6108
Phone: 61026071
Birthdate: 17/08/1996 **Sex:** F **Medicare Number:** 6279605581
Your Reference: **Lab Reference:** 23-82459672-EUC-0
Laboratory: WESTERN DIAGNOSTIC PATHOLOGY
Addressee: DR SUDHA ARUNKUMAR **Referred by:** DR SUDHA ARUNKUMAR

Name of Test: ELECTROLYTES INC CREAT (EUC-0)
Requested: 06/06/2023 **Collected:** 06/06/2023 **Reported:** 06/06/2023 16:27

CUMULATIVE ELECTROLYTES (Serum)

Date	Time	Na mmol/L (135 - 145)	K mmol/L (3.5 - 5.2)	Cl mmol/L (95 - 110)	HCO3 mmol/L (22 - 32)	Urea mmol/L (3.0 - 8.0)	Creat umol/L (45 - 90)	Lab.No.
06/06/23	11:20	144	4.0	107	28	4.3	54	82459672

eGFR : > 90 mL/min/1.73m^2

EGFR by CKD-EPI formula (Med J Aust 2012; 197:222 -223).

Instrument: Siemens Atellica

Requested Tests : VID*, TF*, LFT*, GA*, EUC, IRS*, HAE, GL*, BF*, A12*

TEALE, KIERA
100 TOWNCENTRE DR, THORNLIE. 6108
Phone: 61026071
Birthdate: 17/08/1996 **Sex:** F **Medicare Number:** 6279605581
Your Reference: **Lab Reference:** 23-82459672-TF-0
Laboratory: WESTERN DIAGNOSTIC PATHOLOGY
Addressee: DR SUDHA ARUNKUMAR **Referred by:** DR SUDHA ARUNKUMAR

Name of Test: THYROID FUNCTION TEST (TF-0)
Requested: 06/06/2023 **Collected:** 06/06/2023 **Reported:** 06/06/2023 16:30

CUMULATIVE THYROID FUNCTION TEST (serum)

	TSH (mIU/L) (0.40 - 4.00)	FT4 (pmol/L)	FT3 (pmol/L)	Lab.No.
08/10/21	1.47			86929372
06/06/23	0.78			82459672

82459672

Instrument: Siemens Atellica

Requested Tests : VID*, TF, LFT*, GA*, EUC, IRS*, HAE, GL, BF, A12*

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100 TOWNCENTRE DR, THORNLIE. 6108
Phone: 61026071
Birthdate: 17/08/1996 **Sex:** F **Medicare Number:** 6279605581
Your Reference: **Lab Reference:** 23-82459672-BF-0
Laboratory: WESTERN DIAGNOSTIC PATHOLOGY
Addressee: DR SUDHA ARUNKUMAR **Referred by:** DR SUDHA ARUNKUMAR

Name of Test: B12 +RBC FOLATE ENQUIRIES (BF-0)
Requested: 06/06/2023 **Collected:** 06/06/2023 **Reported:** 06/06/2023 16:30

VITAMIN B12 and FOLATE (serum)

Serum Folate . . . . . : 35.8 nmol/L (< 5.0 Deficient)
(=> 5.0 Normal)

COMMENT: Normal folate level. Tissue deficiency is unlikely.

Patient supplementation with high dose biotin may falsely increase serum folate (Atellica assay). If concerned with the result, consider withholding biotin for 24 hours prior to repeating the test. Please contact the laboratory for further

information.

Instrument: Siemens Atellica

Requested Tests : VID*, TF, LFT*, GA*, EUC, IRS*, HAE, GL, BF, A12*

TEALE, KIERA
100 TOWNCENTRE DR, THORNLIE. 6108
Phone: 61026071
Birthdate: 17/08/1996 **Sex:** F **Medicare Number:** 6279605581
Your Reference: **Lab Reference:** 23-82459672-GL-0
Laboratory: WESTERN DIAGNOSTIC PATHOLOGY
Addressee: DR SUDHA ARUNKUMAR **Referred by:** DR SUDHA ARUNKUMAR

Name of Test: GLUCOSE, RANDOM/FASTING (GL-0)
Requested: 06/06/2023 **Collected:** 06/06/2023 **Reported:** 06/06/2023 16:30

GLUCOSE (Serum)

Glucose (Fasting). . . . : 4.2 mmol/L (< 5.5)

Normal <5.5; Impaired fasting 6.1-6.9; Diabetic >6.9 (F), >11.0 (random)

Comment :

Instrument: Siemens Atellica

Requested Tests : VID*, TF, LFT*, GA*, EUC, IRS*, HAE, GL, BF, A12*

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Phone: 61026071
Birthdate: 17/08/1996 **Sex:** F **Medicare Number:** 6279605581
Your Reference: **Lab Reference:** 23-82459672-LFT-0
Laboratory: WESTERN DIAGNOSTIC PATHOLOGY
Addressee: DR SUDHA ARUNKUMAR **Referred by:** DR SUDHA ARUNKUMAR

Name of Test: LIVER FUNCTION TESTS (LFT-0)
Requested: 06/06/2023 **Collected:** 06/06/2023 **Reported:** 06/06/2023 16:31

CUMULATIVE LIVER FUNCTION TEST (Serum)
Please note change in report format as of 14/12/2021

Collection Date:	08/10/21	05/04/22	06/06/23		
Collection Time:	15:20	14:00	11:20		
Lab No:	86929372	88722468	82459672		
Bilirubin:	< 3	< 3	7	umol/L	(< 16)
Alk Phos:	60	83	50	U/L	(30 - 110)
Gamma GT:	12	17	14	U/L	(< 31)
ALT:	**36**	29	11	U/L	(< 31)
AST:		23	16	U/L	(< 31)

Albumin:	48	48	47	g/L	(38 - 50)
Protein:	74	73	74	g/L	(60 - 80)
Globulin Gap:		25	27	g/L	(22 - 38)

Instrument: Siemens Atellica

Requested Tests : VID*, TF, LFT, GA*, EUC, IRS*, HAE, GL, BF, A12*

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100 TOWNCENTRE DR, THORNLIE. 6108
Phone: 61026071
Birthdate: 17/08/1996 **Sex:** F **Medicare Number:** 6279605581
Your Reference: **Lab Reference:** 23-82459672-IRS-0
Laboratory: WESTERN DIAGNOSTIC PATHOLOGY
Addressee: DR SUDHA ARUNKUMAR **Referred by:** DR SUDHA ARUNKUMAR

Name of Test: IRON STUDIES ENQUIRIES (IRS-0)
Requested: 06/06/2023 **Collected:** 06/06/2023 **Reported:** 06/06/2023 16:34

CUMULATIVE IRON STUDIES (serum)

Date	Iron umol/L	Transferrin umol/L	TFN Satn %	Ferritin ug/L	Lab.No.
08/10/21	13	37	18	**19**	86929372
05/04/22	12	26	23	**273**	88722468
06/06/23	**32**	34	47	**209**	82459672
Ref:	(11 - 27)	(20 - 45)	(15 - 55)	(30 - 200)	

82459672 Borderline high ferritin, seen in acute phase responses, inflammation, liver disease, metabolic syndrome, neoplasia, after iron therapy, or iron overload. Suggest repeat in a few months.

- As ferritin is influenced by acute phase responses results in the lower-normal range (30-100) may not exclude iron deficiency.
- Ferritin levels >100 and < upper limit usually reflect adequate iron stores.
- Serum iron is useless in determining tissue iron stores.

Instrument: Siemens Atellica

Requested Tests : VID*, TF, LFT, GA*, EUC, IRS, HAE, GL, BF, A12*

TEALE, KIERA
100 TOWNCENTRE DR, THORNLIE. 6108
Phone: 61026071
Birthdate: 17/08/1996 **Sex:** F **Medicare Number:** 6279605581
Your Reference: **Lab Reference:** 23-82459672-VID-0
Laboratory: WESTERN DIAGNOSTIC PATHOLOGY
Addressee: DR SUDHA ARUNKUMAR **Referred by:** DR SUDHA ARUNKUMAR

Name of Test: VITAMIN D (VID-0)
Requested: 06/06/2023 **Collected:** 06/06/2023 **Reported:** 06/06/2023 16:41

25-HYDROXY VITAMIN D (serum)

SERUM VITAMIN D STUDY
-- 25-hydroxy Vitamin D 94 nmol/L (> 50)

Levels greater than 75 nmol/L probably indicate sufficient Vitamin D.
(Hollick. NEJM 2007;Vol 357:3 266-281)

Instrument: Diasorin Liaison

Requested Tests : VID, TF, LFT, GA*, EUC, IRS, HAE, GL, BF, A12*

TEALE, KIERA
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Phone: 61026071
Birthdate: 17/08/1996 **Sex:** F **Medicare Number:** 6279605581
Your Reference: **Lab Reference:** 23-82459672-A12-0
Laboratory: WESTERN DIAGNOSTIC PATHOLOGY
Addressee: DR SUDHA ARUNKUMAR **Referred by:** DR SUDHA ARUNKUMAR

Name of Test: ACTIVE VITAMIN B12 (A12-0)
Requested: 06/06/2023 **Collected:** 06/06/2023 **Reported:** 06/06/2023 16:50

Holo TC Assay (Siemens Atellica) 108 pmol/L (> 40)
(Serum Active Vitamin B12)

Comment:
No vitamin B12 deficiency.

Note from 19/07/2021, the Active B12 method has changed, and there has been a small adjustment in the reference range.

Instrument: Siemens Atellica

Requested Tests : VID, TF, LFT, GA*, EUC, IRS, HAE, GL, BF, A12

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Phone: 61026071
Birthdate: 17/08/1996 **Sex:** F **Medicare Number:** 6279605581
Your Reference: **Lab Reference:** 23-82459672-GA-0
Laboratory: WESTERN DIAGNOSTIC PATHOLOGY
Addressee: DR SUDHA ARUNKUMAR **Referred by:** DR SUDHA ARUNKUMAR

Name of Test: GLYCOSYLATED HB A1C (GA-0)
Requested: 06/06/2023 **Collected:** 06/06/2023 **Reported:** 06/06/2023 17:06

GLYCATED HAEMOGLOBIN (Blood)

Date	Hb A1C %	mmol/mol(IFCC)	Lab No
06/06/23	4.7	28	82459672

Diagnostic threshold for type 2 diabetes mellitus:
>= 6.5% (>= 48 mmol/mol).
General treatment target for patients with known diabetes mellitus:
<= 7.0 % (<= 53 mmol/mol). Higher or lower targets are appropriate for some patients.
See www.wdp.com.au/HbA1c for more information on the use and interpretation of HbA1c.

Prior to conception, a HbA1c < 7.0 % (< 53 mmol/mol) is advisable to reduce the incidence of birth defects.

Requested Tests : VID, TF, LFT, GA, EUC, IRS, HAE, GL, BF, A12