

DADWAL, SAMAR  
15 BERENICE ST, TAYLOR. 2913

Phone: 0410158009

Birthdate: 21/08/2019

Sex: M

Medicare Number: 2778048574

Your Reference:

Lab Reference: 24-96521108-FBE-0

Laboratory: Laverty Pathology

Addressee: DR MUGUNTHAN JEGANATHAN

Referred by:

DR MUGUNTHAN

JEGANATHAN

Name of Test: HAEMATOLOGY (FBE-0)

Requested: 23/10/2024

Collected: 24/10/2024

Reported: 24/10/2024

10:55

Clinical notes: Hair loss in patches.

Clinical Notes : Hair loss in patches.

HAEMATOLOGY

Date Collected 24 Oct 24

Time Collected 08:05

Specimen Type: EDTA

Hb	128	g/L	(115-150)	WBC	6.8	$\times 10^9$	/L (4.0-12.5)
RCC	4.7	$\times 10^{12}$	/L (3.9-5.6)	Neut	2.5	$\times 10^9$	/L (1.5-8.0)
Hct	0.38		(0.33-0.45)	Lymp	3.6	$\times 10^9$	/L (1.5-5.5)
MCV	81	fL	(75-90)	Mono	0.5	$\times 10^9$	/L (0.2-1.0)
MCH	28	pg	(25-31)	Eos	0.3	$\times 10^9$	/L (< 0.7)
MCHC	340	g/L	(320-360)	Baso	0.0	$\times 10^9$	/L (< 0.2)
RDW	12.2	%	(10.0-17.0)				
Plat	307	$\times 10^9$	/L (150-480)				

Red cells : Normal.

White cells : Normal.

Platelets : Normal.

HAEMATOLOGY: Haematology results are normal for patients age.

Requested Tests : VBF\*, TFT\*, ESR\*, CRP\*, MBA\*, FE\*, FBE, CTD\*, COM\*

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Phone: 0410158009

Birthdate: 21/08/2019 Sex: M Medicare Number: 2778048574

Your Reference: Lab Reference: 24-96521108-CRP-0

Laboratory: Laverty Pathology

Addressee: DR MUGUNTHAN JEGANATHAN Referred by: DR MUGUNTHAN  
JEGANATHAN

Name of Test: C-REACTIVE PROTEIN (CRP-0)

Requested: 23/10/2024 Collected: 24/10/2024 Reported: 24/10/2024  
10:56

Clinical notes: Hair loss in patches.

Clinical Notes : Hair loss in patches.

C-REACTIVE PROTEIN

Specimen Type: Serum  
Serum CRP

< 4.0 mg/L

(< 6.0)

Requested Tests : VBF\*, TFT\*, ESR\*, CRP, MBA, FE\*, FBE, CTD\*, COM\*

DADWAL, SAMAR  
15 BERENICE ST, TAYLOR. 2913  
Phone: 0410158009  
Birthdate: 21/08/2019 Sex: M Medicare Number: 2778048574  
Your Reference: Lab Reference: 24-96521108-MBA-0  
Laboratory: Lavery Pathology  
Addressee: DR MUGUNTHAN JEGANATHAN Referred by: DR MUGUNTHAN  
JEGANATHAN

Name of Test: SERUM CHEMISTRY (MBA-0)  
Requested: 23/10/2024 Collected: 24/10/2024 Reported: 24/10/2024  
10:56

Clinical notes: Hair loss in patches.

Clinical Notes : Hair loss in patches.

<u>SERUM CHEMISTRY</u>			
Specimen Type: Serum			
Haemolysis	Nil		
Icterus	Nil		
Lipaemia	Nil		
Sodium	138	mmol/L	(134-145)
Potassium	4.3	mmol/L	(3.8-5.5)
Chloride	106	mmol/L	(95-110)
Bicarbonate	24	mmol/L	(22-32)
Anion Gap	12	mmol/L	(10-20)
Urea	6.1	mmol/L	(2.5-5.4)
Creatinine	30	umol/L	(20-55)
Bilirubin	5	umol/L	(< 12)
AST	33	U/L	(< 40)
ALT	23	U/L	(< 30)
GGT	12	U/L	(< 20)
Alkaline Phosphatase	215	U/L	(85-320)
Protein	64	g/L	(63-84)
Albumin	41	g/L	(38-50)
Globulin	23	g/L	(20-38)
Paediatric reference intervals are guidelines only.			

Requested Tests : VBF\*, TFT\*, ESR\*, CRP, MBA, FE\*, FBE, CTD\*, COM\*

DADWAL, SAMAR  
15 BERENICE ST, TAYLOR. 2913

Phone: 0410158009

Birthdate: 21/08/2019 Sex: M Medicare Number: 2778048574

Your Reference: Lab Reference: 24-96521108-ESR-0

Laboratory: Lavery Pathology

Addressee: DR MUGUNTHAN JEGANATHAN  
JEGANATHAN

Referred by: DR MUGUNTHAN

Name of Test: E.S.R (ESR-0)

Requested: 23/10/2024 Collected: 24/10/2024 Reported: 24/10/2024  
11:34

Clinical notes: Hair loss in patches.

Clinical Notes : Hair loss in patches.

	HAEMATOLOGY
Request Number	96521108
Date Collected	24 Oct 24
Time Collected	08:05
Specimen Type: EDTA	
ESR (< 30) mm/hr	2

Requested Tests : VBF\*, TFT\*, ESR, CRP, MBA, FE\*, FBE, CTD\*, COM\*

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15 BERENICE ST, TAYLOR. 2913  
Phone: 0410158009  
Birthdate: 21/08/2019 Sex: M Medicare Number: 2778048574  
Your Reference: Lab Reference: 24-96521108-COM-0  
Laboratory: Laverty Pathology  
Addressee: DR MUGUNTHAN JEGANATHAN Referred by: DR MUGUNTHAN  
JEGANATHAN

Name of Test: COMPLEMENT C3 / C4 (COM-0)  
Requested: 23/10/2024 Collected: 24/10/2024 Reported: 24/10/2024  
19:16

Clinical notes: Hair loss in patches.

Clinical Notes : Hair loss in patches.

	<u>SERUM COMPLEMENT FRACTIONS</u>		
Complement C3	1.21	g/L	(0.80-1.50)
Complement C4	0.21	g/L	(0.12-0.36)

Requested Tests : VBF\*, TFT\*, ESR, CRP, MBA, FE\*, FBE, CTD\*, COM

DADWAL, SAMAR  
15 BERENICE ST, TAYLOR. 2913  
Phone: 0410158009  
Birthdate: 21/08/2019 Sex: M Medicare Number: 2778048574  
Your Reference: Lab Reference: 24-96521108-TFT-0  
Laboratory: Laverty Pathology  
Addressee: DR MUGUNTHAN JEGANATHAN Referred by: DR MUGUNTHAN  
JEGANATHAN

Name of Test: THYROID FUNCTION TEST (TFT-0)  
Requested: 23/10/2024 Collected: 24/10/2024 Reported: 24/10/2024  
19:27

Clinical notes: Hair loss in patches.

Clinical Notes : Hair loss in patches.

THYROID PROFILE

Specimen Type: Serum  
TSH 2.6 mIU/L (0.8-6.3)

Result(s) consistent with euthyroidism.

Requested Tests : VBF\*, TFT, ESR, CRP, MBA, FE\*, FBE, CTD\*, COM



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Phone: 0410158009  
Birthdate: 21/08/2019 Sex: M Medicare Number: 2778048574  
Your Reference: Lab Reference: 24-96521108-VBF-0  
Laboratory: Laverty Pathology  
Addressee: DR MUGUNTHAN JEGANATHAN Referred by: DR MUGUNTHAN  
JEGANATHAN

Name of Test: B12, FOLATE, R.C.FOLATE (VBF-0)  
Requested: 23/10/2024 Collected: 24/10/2024 Reported: 24/10/2024  
19:35

Clinical notes: Hair loss in patches.

Clinical Notes : Hair loss in patches.

VITAMIN B12 AND FOLATE STUDIES

Vitamin B12	354	pmol/L	(156-740)
Serum Folate	34.7	nmol/L	(> 9.0)

Folate Interpretation:

	DEFICIENCY	BORDERLINE	SUFFICIENCY
Serum Folate:	<4.5 nmol/L	4.5 - 9.0 nmol/L	>9.0 nmol/L

Serum Folate Assay:

In the absence of recent oral intake, a serum folate >9.0 nmol/L effectively rules out folate deficiency.

Red cell folates (RCF) are no longer processed routinely. If you have requested a RCF, and require a result for appropriate clinical reasons, this will need to be discussed and agreed with a Consultant Haematologist on +61290027085 or Dr. Lucinda Wallman, Consultant Pathologist in Immunology and Medical Director on telephone number +61 290057179

Requested Tests : VBF, TFT, ESR, CRP, MBA, FE\*, FBE, CTD\*, COM

DADWAL, SAMAR  
15 BERENICE ST, TAYLOR. 2913  
Phone: 0410158009  
Birthdate: 21/08/2019 Sex: M Medicare Number: 2778048574  
Your Reference: Lab Reference: 24-96521108-FE-0  
Laboratory: Laverty Pathology  
Addressee: DR MUGUNTHAN JEGANATHAN Referred by: DR MUGUNTHAN  
JEGANATHAN

Name of Test: IRON STUDIES (FE-0)  
Requested: 23/10/2024 Collected: 24/10/2024 Reported: 24/10/2024  
19:43

Clinical notes: Hair loss in patches.

Clinical Notes : Hair loss in patches.

<u>IRON STUDIES</u>			
Specimen Type: Serum			
Serum Iron	11	umol/L	(5-21)
Transferrin	34	umol/L	(27-46)
Transferrin Saturation	16	%	(13-45)
Serum Ferritin	< 8	ug/L	(20-150)
Paediatric reference intervals are guidelines only.			

Although the transferrin saturation is normal, the ferritin result < 10 ug/L indicates iron deficiency.

Requested Tests : VBF, TFT, ESR, CRP, MBA, FE, FBE, CTD\*, COM



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15 BERENICE ST, TAYLOR. 2913  
Phone: 0410158009  
Birthdate: 21/08/2019 Sex: M Medicare Number: 2778048574  
Your Reference: Lab Reference: 24-96521108-CTD-0  
Laboratory: Lavery Pathology  
Addressee: DR MUGUNTHAN JEGANATHAN Referred by: DR MUGUNTHAN  
JEGANATHAN

Name of Test: AUTOIMMUNE (CTD-0)  
Requested: 23/10/2024 Collected: 24/10/2024 Reported: 25/10/2024  
12:25

Clinical notes: Hair loss in patches.

Clinical Notes : Hair loss in patches.

AUTOIMMUNE SEROLOGY

Anti-nuclear antibodies Speckled Pattern (Titre 1:80)

Low titre positive. Up to 5% of the population may have a positive ANA of this titre without any clinical features of connective tissue disease. Repeat measurement after a period of observation (2-3 months) may be useful.

Speckled pattern may be associated with specific rheumatic disorders such as SLE, SLE overlap syndromes, mixed connective tissue disease and Sjogren syndrome, as well as with non-specific chronic inflammatory conditions. Suggest further testing with antibodies to dsDNA and ENAs if not already ordered.

Antibodies to Extractable Nuclear Antigens (ENA)

Antibody to Sm	Not detected
Antibody to nRNP	Not detected
Antibody to SSA (Ro60)	Not detected
Antibody to SSA (Ro52)	Not detected
Antibody to SSB	Not detected
Antibody to Scl-70	Not detected
Antibody to Jo-1	Not detected
Antibody to Ribo-P	Not detected

Antibodies to the extractable nuclear antigens listed above were not detected by screening with a particle-based multi-analyte assay. Antibodies to additional disease-associated ENAs (including PM-Scl and others) are not detectable with the current assay.

All testing performed on serum or plasma unless otherwise specified.

Requested Tests : VBF, TFT, ESR, CRP, MBA, FE, FBE, CTD, COM

DADWAL, SAMAR  
15 BERENICE ST, TAYLOR. 2913  
**Birthdate:** 21/08/2019 **Sex:** M **Medicare Number:** 2778048574  
**Your Reference:** 00968014 **Lab Reference:** 24-10857623-FUN-0  
**Laboratory:** Laverty Pathology  
**Addressee:** DR MUGUNTHAN JEGANATHAN **Referred by:** DR MUGUNTHAN  
JEGANATHAN

**Name of Test:** FUNGAL MICRO / CULTURE (FUN-0)  
**Requested:** 23/10/2024 **Collected:** 24/10/2024 **Reported:** 25/10/2024  
15:28

**Clinical notes:** Hair loss patches

Clinical Notes : Hair loss patches

	<u>INVESTIGATION FOR FUNGUS</u>
Site	Skin scraping scalp
Microscopy	No fungal elements detected
Fungal culture	Result to Follow. PLEASE NOTE: Fungi are slow growing organisms and culture may not be available for several weeks. Final reports on negative cultures will be dispatched after three weeks incubation.

Requested Tests : FUN\*