

BOXSHALL, MIRANDA
 U1 1 BENNETT ST, BORONIA. 3155
Birthdate: 15/07/1994 **Sex:** F **Medicare Number:** 35133821221
Your Reference: **Lab Reference:** 23-50350630-FBE-0
Laboratory: DOREVITCH PATHOLOGY
Addressee: DR AVI CHARLTON **Referred by:** DR AVI CHARLTON

Name of Test: FULL BLOOD EXAMINATION
Requested: 24/09/2023 **Collected:** 14/10/2023 **Reported:** 14/10/2023
 14:19

FULL BLOOD EXAMINATION

Coll.Date: 13/02/18 22/09/21 15/04/23 14/10/23
Coll.Time: 13:50 14:50 10:05 10:05
Lab.No: 36650155 32862233 46978428 50350630

					Units	Ref. Range
Haemoglobin:	137	136	127	145	g/L	(115-165)
WCC:	12.3	6.7	5.5	8.3	x10 ⁹ /L	(4.0-11.0)
Platelets:	253	290	270	272	x10 ⁹ /L	(150-450)
RCC:	4.50	4.50	4.02	4.72	x10 ¹² /L	(3.80-5.80)
PCV:	0.40	0.40	0.36	0.42	L/L	(0.37-0.47)
MCV:	90	88	91	89	fL	(80-96)
MCH:	31	30	32	31	pg	(27-32)
MCHC:	341	343	349	346	g/L	(320-360)
RDW:	11.7	11.3	11.7	11.1	%	(11.0-16.0)
Neutrophils:	9.8	3.9	2.6	5.1	x10 ⁹ /L	(2.0-8.0)
Lymphocytes:	1.6	2.1	2.3	2.3	x10 ⁹ /L	(1.0-4.0)
Monocytes:	0.7	0.5	0.5	0.7	x10 ⁹ /L	(0.0-1.0)
Eosinophils:	0.1	0.1	0.1	0.1	x10 ⁹ /L	(0.0-0.5)
Basophils:	0.0	0.1	0.1	0.1	x10 ⁹ /L	(0.0-0.2)
ESR:	10	--	--	--	mm/hr	(< 20)
I.M. Test:	Negative	--	--	--		

13/02/18 36650155 Neutrophilia present.
 22/09/21 32862233 Red cells, white cells and platelets within normal limits.
 15/04/23 46978428 No significant abnormality.
 14/10/23 50350630 Red cells, white cells and platelets within normal limits.
 Requested Tests : MUL*, GS*, TFT*, GHB*, CRP*, MBI*, LIP*, FBE, BFO*

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 U1 1 BENNETT ST, BORONIA. 3155
Birthdate: 15/07/1994 **Sex:** F **Medicare Number:** 35133821221
Your Reference: **Lab Reference:** 23-50350630-CRP-0
Laboratory: DOREVITCH PATHOLOGY
Addressee: DR AVI CHARLTON **Referred by:** DR AVI CHARLTON

Name of Test: C-REACTIVE PROTEIN
Requested: 24/09/2023 **Collected:** 14/10/2023 **Reported:** 14/10/2023
 21:18

SERUM C-REACTIVE PROTEIN (CRP)

Date	Lab. No.	CRP	Ref Range (0-10)
14/10/23	50350630	< 1 mg/L	

Requested Tests : MUL*, GS, TFT*, GHB*, CRP, MBI, LIP, FBE, BFO*

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Birthdate: 15/07/1994 **Sex:** F **Medicare Number:** 35133821221
Your Reference: **Lab Reference:** 23-50350630-MBI-0
Laboratory: DOREVITCH PATHOLOGY
Addressee: DR AVI CHARLTON **Referred by:** DR AVI CHARLTON

Name of Test: GENERAL BIOCHEMISTRY
Requested: 24/09/2023 **Collected:** 14/10/2023 **Reported:** 14/10/2023
 21:18

SERUM/PLASMA BIOCHEMISTRY

Coll.Date:	13/02/18	22/09/21	14/10/23		
Coll.Time:	13:50	14:50	10:05		
Lab.No:	36650155	32862233	50350630		
				Units	Biological Ref.Int.
Sodium:	--	142	140	--	mmol/L (135-145)
Potassium:	--	3.8	3.9	--	mmol/L (3.5-5.2)
Chloride:	--	108	106	--	mmol/L (95-110)
Bicarbonate:	--	27	25	--	mmol/L (22-32)
Urea:	--	3.8	4.6	--	mmol/L (2.3-7.6)
eGFR(mL/min):	--	> 90	> 90	--	per 1.73sqm(> 60)
Creatinine:	--	63	63	--	umol/L (40-90)
Bilirubin:	13	4	11	--	umol/L (0-20)
ALT:	21	15	16	--	U/L (0-30)
AST:	18	17	13	--	U/L (0-30)
ALP:	55	53	50	--	U/L (30-110)
GGT:	8	7	11	--	U/L (0-30)
Tot.Protein:	72	72	71	--	g/L (60-80)
Albumin:	38	44	43	--	g/L (36-49)
Globulin:	34	28	28	--	g/L (22-40)
Coll.Date:	13/02/18	22/09/21	14/10/23		
Coll.Time:	13:50	14:50	10:05		

Reference intervals for EUC and LFTs have been updated from 01/08/2017.

Requested Tests : MUL*, GS, TFT*, GHB*, CRP, MBI, LIP, FBE, BFO*

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Birthdate: 15/07/1994 **Sex:** F **Medicare Number:** 35133821221
Your Reference: **Lab Reference:** 23-50350630-GS-0
Laboratory: DOREVITCH PATHOLOGY

Addressee: DR AVI CHARLTON **Referred by:** DR AVI CHARLTON

Name of Test: GLUCOSE SERUM SPECIMEN

Requested: 24/09/2023 **Collected:** 14/10/2023 **Reported:** 14/10/2023
21:18

GLUCOSE

Coll.Date: 14/10/23

Lab.No: 50350630

Units

Specimen: Serum
Time: 10:05 AM
Type: Fasting -- -- -- --
Glucose: 4.2 -- -- -- -- mmol/L

Note (1): Glucose reference ranges: Fasting 4.0-6.0, Random 4.0-7.8
Consider further investigation including glucose tolerance test in
people with fasting glucose 5.5-6.9 or random 7.8-11.0 mmol/L

Pregnancy (gestational diabetes screening): Normal fasting < 5.1 mmol/L

Requested Tests : MUL*, GS, TFT*, GHB*, CRP, MBI, LIP, FBE, BFO*

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Birthdate: 15/07/1994 **Sex:** F **Medicare Number:** 35133821221
Your Reference: **Lab Reference:** 23-50350630-LIP-0
Laboratory: DOREVITCH PATHOLOGY
Addressee: DR AVI CHARLTON **Referred by:** DR AVI CHARLTON

Name of Test: LIPID STUDIES

Requested: 24/09/2023 **Collected:** 14/10/2023 **Reported:** 14/10/2023
21:18

SERUM/PLASMA LIPID STUDIES

Coll.Date: 14/10/23

Coll.Time: 10:05

Lab.No: 50350630

Units

	Fasting	--	--	--	--	
Total Chol:	5.2	--	--	--	--	mmol/L
Triglyceride:	0.9	--	--	--	--	mmol/L
HDL - C:	1.7	--	--	--	--	mmol/L
LDL - C:	3.1	--	--	--	--	mmol/L
NON HDL-C:	3.5	--	--	--	--	mmol/L
Chol/HDL:	3.1	--	--	--	--	

Therapeutic targets vary depending on the patient's cardiovascular risk profile.

	T.Chol	Trig	HDL-C	LDL-C	Non HDL-C
Primary Prevention:	<4.0	<2.0	>=1.0	<2.0	<2.5
Secondary Prevention:		<2.0	>=1.0	<1.8	<2.5

National Vascular Disease Prevention Alliance Guidelines 2012.
<http://strokefoundation.com.au>

National Heart Foundation Guidelines 2012.
<http://www.heartfoundation.org.au>

Requested Tests : MUL*, GS, TFT*, GHB*, CRP, MBI, LIP, FBE, BFO*

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Birthdate: 15/07/1994 **Sex:** F **Medicare Number:** 35133821221
Your Reference: **Lab Reference:** 23-50350630-TFT-0
Laboratory: DOREVITCH PATHOLOGY
Addressee: DR AVI CHARLTON **Referred by:** DR AVI CHARLTON

Name of Test: THYROID FUNCTION TEST
Requested: 24/09/2023 **Collected:** 14/10/2023 **Reported:** 14/10/2023
21:24

Coll.Date: 22/09/21 14/10/23
Coll.Time: 14:50 10:05
Lab.No: 32862233 50350630

			Units	Ref.Range
TSH:	1.50	1.48	mIU/L	(0.50-4.00)

Normal TSH is consistent with normal thyroid function.
Note that TSH should NOT be used to adjust thyroxine treatment in people with pituitary disease.
Medical professionals: Please contact a pathologist if required on (03) 9244 0444.

Method: Siemens Immunoassay

Requested Tests : MUL*, GS, TFT, GHB*, CRP, MBI, LIP, FBE, BFO*

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Birthdate: 15/07/1994 **Sex:** F **Medicare Number:** 35133821221
Your Reference: **Lab Reference:** 23-50350630-BFO-0
Laboratory: DOREVITCH PATHOLOGY
Addressee: DR AVI CHARLTON **Referred by:** DR AVI CHARLTON

Name of Test: B12,FOLATE
Requested: 24/09/2023 **Collected:** 14/10/2023 **Reported:** 14/10/2023
23:49

SERUM VITAMIN B12 AND FOLATE

Date: 15/04/23 14/10/23
Time: 10:05 10:05
Lab.No: 46978428 50350630

			Ref.
	Units	Range	
Vitamin B12	:	> 1476	225 pmol/L (150-700)

Holotranscobalamin : 25 pmol/L (> 27)

Comment:
Low active B12

If not already performed, screening for Pernicious Anaemia with intrinsic factor antibody (IF-Ab) and gastric parietal cell antibody (GPC-Ab) is recommended. Co-existing iron deficiency and thyroid disease should not be overlooked.

Please note that as of 18/10/2021, Dorevitch changed to the Atellica analyser for Active B12 testing. Comparison studies have shown good agreement between the methods and the reference intervals have not changed. If further information is required, please contact a Chemical Pathologist on 9244 0444.

Vitamin B12 method: Siemens Immunoassay

Requested Tests : MUL*, GS, TFT, GHB*, CRP, MBI, LIP, FBE, BFO

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Your Reference: **Lab Reference:** 23-50350630-GHB-0
Laboratory: DOREVITCH PATHOLOGY
Addressee: DR AVI CHARLTON **Referred by:** DR AVI CHARLTON

Name of Test: HBA1C (GLYCATED HB)
Requested: 24/09/2023 **Collected:** 14/10/2023 **Reported:** 16/10/2023
10:15

BLOOD HAEMOGLOBIN A 1c

Date	Lab.No.	HBA1C %	HbA1c mmol/mol
14/10/23	50350630	4.3	23

For diagnosis of diabetes mellitus the cut off is 6.5%.

For monitoring diabetic patients use the guidelines below.

Guidelines	HbA1c%	HbA1c mmol/mol
General Target	< 7.1	< 54
Adequate	< 8.1	< 65
Suboptimal	> 8.0	> 64

Requested Tests : MUL*, GS, TFT, GHB, CRP, MBI, LIP, FBE, BFO

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Laboratory: DOREVITCH PATHOLOGY
Addressee: DR AVI CHARLTON **Referred by:** DR AVI CHARLTON

Name of Test: ANTI MULLERIAN HORMONE

Requested: 24/09/2023 **Collected:** 14/10/2023 **Reported:** 16/10/2023
11:28

Serum Anti-Mullerian Hormone (AMH)

AMH (pmol/L): 10 (10-45)

Serum AMH is an indirect measure of the number of ovarian follicles:

> 45 pmol/L - High ovarian reserve. May be normal or associated with PCOS.

15-45 pmol/L - Satisfactory ovarian reserve.

< 15 pmol/L - Reduced ovarian reserve.

Method: Beckman Coulter Access AMH.

Requested Tests : MUL, GS, TFT, GHB, CRP, MBI, LIP, FBE, BFO