

ALAMYAR, FIONA
 20/10 RANGE RD, NORTH GOSFORD. 2250
 Phone: 0411413945
 Birthdate: 06/03/1995 Sex: F Medicare Number: 2771079782
 Your Reference: 00340007 Lab Reference: 863455431-H-H902
 Laboratory: bsp
 Addressee: DR EI K LATT Referred by: DR EI K LATT

Name of Test: Haematology
 Requested: 24/02/2022 Collected: 28/02/2022 Reported: 28/02/2022
 10:02

Clinical notes: STRONG FAMILY HISTORY OF HASIMOTO THYROIDITIS, IRON DEFICIENCY

Clinical Notes : STRONG FAMILY HISTORY OF HASIMOTO THYROIDITIS, IRON DEFICIENCY

HAEMATOLOGY

Date	18/03/21	28/02/22		
Time F-Fast	Unkn	0918 F		
Lab ID	860885745	863455431	Units	Reference
Haemoglobin	121	134	g/L	(119-160)
RCC		4.6	x10 ¹² /L	(3.8-5.8)
Haematocrit (0.35-0.48)		0.40		
MCV		87	fL	(80-100)
MCH (27.0-32.0)		29.3	pg	
MCHC		337	g/L	(310-360)
RDW (10.0-15.0)		12.7		
WCC		8.1	x10 ⁹ /L	(4.0-11.0)
Neutrophils		5.93	x10 ⁹ /L	(2.0-7.5)
Lymphocytes		1.36	x10 ⁹ /L	(1.0-4.0)
Monocytes		0.54	x10 ⁹ /L	(0.0-1.0)
Eosinophils		0.24	x10 ⁹ /L	(0.0-0.5)
Basophils		0.04	x10 ⁹ /L	(0.0-0.3)
NRBC		<1.0	/100 WBC	(<1)
Platelets		298	x10 ⁹ /L	(150-450)

Comments on Collection 28/02/22 0918 F:
 Full blood count is within reference limits

NATA Accreditation No 2178

Tests Completed: FBC(e)
 Tests Pending : B12(s), Fol(s), LFT(s), C(s), UCreat(s), E(s), Glu(s),
 Iron(s), HDL & LIPIDS, CRP(s), TSH(s), Thyroid
 Abs(s), Thyroglobulin (s)
 Sample Pending :

ALAMYAR, FIONA
20/10 RANGE RD, NORTH GOSFORD. 2250
Phone: 0411413945
Birthdate: 06/03/1995 Sex: F Medicare Number: 2771079782
Your Reference: 00340007 Lab Reference: 863455431-C-C141
Laboratory: bsp
Addressee: DR EI K LATT Referred by: DR EI K LATT

Name of Test: Biochemistry
Requested: 24/02/2022 Collected: 28/02/2022 Reported: 28/02/2022
11:02

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Biochemistry

Status	Fasting		
Sodium	142	mmol/L	(135 - 145)
Potassium	4.0	mmol/L	(3.5 - 5.5)
Chloride	109	mmol/L	(95 - 110)
Bicarbonate	24	mmol/L	(20 - 32)
Urea	3.7	mmol/L	(2.5 - 6.5)
Creatinine	65	umol/L	(45 - 85)
eGFR	>90	mL/min/1.73m2	(>59)
Total Bilirubin	12	umol/L	(3 - 15)
Alk Phos	86	U/L	(20 - 105)
Gamma GT	16	U/L	(5 - 35)
LDH	168	U/L	(120 - 250)
AST	18	U/L	(10 - 35)
ALT	16	U/L	(5 - 30)
Total Protein	69	g/L	(68 - 85)
Albumin	42	g/L	(37 - 48)
Globulin	27	g/L	(23 - 39)
Cholesterol	4.4	mmol/L	(3.9 - 5.5)
Triglycerides	0.5	mmol/L	(0.5 - 1.7)

Comment on Lab ID 863455431

eGFR (mL/min/1.73m2) calculated by CKD-EPI formula - see www.kidney.org.au

NATA Accreditation No 2178

Tests Completed: LFT(s), C(s), UCreat(s), E(s), Glu(s), HDL & LIPIDS, CRP(s), FBC(e)

Tests Pending : B12(s), Fol(s), Iron(s), TSH(s), Thyroid Abs(s), Thyroglobulin (s)
Sample Pending :

ALAMYAR, FIONA
20/10 RANGE RD, NORTH GOSFORD. 2250
Phone: 0411413945
Birthdate: 06/03/1995 Sex: F Medicare Number: 2771079782
Your Reference: 00340007 Lab Reference: 863455431-C-C924
Laboratory: bsp
Addressee: DR EI K LATT Referred by: DR EI K LATT

Name of Test: Glucose
Requested: 24/02/2022 Collected: 28/02/2022 Reported: 28/02/2022
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Glucose

Glucose Fasting 5.2 mmol/L (3.6 - 6.0)

Comment on Lab ID 863455431

Diabetes is unlikely if fasting glucose levels are less than 5.5 mmol/L but
an OGTT could be indicated in the presence of risk factors such as
metabolic syndrome, past gestational diabetes, polycystic ovary or family
history of type 2 diabetes.

NATA Accreditation No 2178

Tests Completed: LFT(s), C(s), UCreat(s), E(s), Glu(s), HDL & LIPIDS,
CRP(s), FBC(e)

Tests Pending : B12(s), Fol(s), Iron(s), TSH(s), Thyroid Abs(s), Thyroglobulin (s)
Sample Pending :

ALAMYAR, FIONA
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Phone: 0411413945
Birthdate: 06/03/1995 Sex: F Medicare Number: 2771079782
Your Reference: 00340007 Lab Reference: 863455431-C-C853
Laboratory: bsp
Addressee: DR EI K LATT Referred by: DR EI K LATT

Name of Test: Lipids and HDL
Requested: 24/02/2022 Collected: 28/02/2022 Reported: 28/02/2022
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Lipids and HDL

Status	Fasting		
Cholesterol	4.4	mmol/L	(3.9 - 5.5)
Triglycerides	0.5	mmol/L	(0.5 - 1.7)
HDL Cholesterol	1.5	mmol/L	(0.9 - 2.1)
LDL Cholesterol	2.7	mmol/L	(1.7 - 3.5)

Comment on Lab ID 863455431

According to current guidelines (Position Statement 2005), suggested targets are:

HDL Cholesterol	>1.0 mmol/L
LDL Cholesterol	<2.0 mmol/L (for patients at high risk)
	<2.5 mmol/L (for patients at lower risk)
Triglycerides	<1.5 mmol/L

NATA Accreditation No 2178

Tests Completed: LFT(s), C(s), UCreat(s), E(s), Glu(s), HDL & LIPIDS, CRP(s), FBC(e)

Tests Pending : B12(s), Fol(s), Iron(s), TSH(s), Thyroid Abs(s), Thyroglobulin (s)

Sample Pending :

ALAMYAR, FIONA
20/10 RANGE RD, NORTH GOSFORD. 2250
Phone: 0411413945
Birthdate: 06/03/1995 Sex: F Medicare Number: 2771079782
Your Reference: 00340007 Lab Reference: 863455431-C-C290
Laboratory: bsp
Addressee: DR EI K LATT Referred by: DR EI K LATT

Name of Test: CRP(s)
Requested: 24/02/2022 Collected: 28/02/2022 Reported: 28/02/2022
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C Reactive Protein (High Sens)

CRP 1.2 mg/L (0.0 - 5.0)

Comment on Lab ID 863455431

NATA Accreditation No 2178

Tests Completed: LFT(s),C(s),UCreat(s),E(s),Glu(s),HDL & LIPIDS,
CRP(s),FBC(e)

Tests Pending : B12(s),Fol(s),Iron(s),TSH(s),Thyroid Abs(s),Thyroglobulin (s)
Sample Pending :

ALAMYAR, FIONA
20/10 RANGE RD, NORTH GOSFORD. 2250
Phone: 0411413945
Birthdate: 06/03/1995 Sex: F Medicare Number: 2771079782
Your Reference: 00340007 Lab Reference: 863455431-E-H246
Laboratory: bsp
Addressee: DR EI K LATT Referred by: DR EI K LATT

Name of Test: B12/Folate/RCF
Requested: 24/02/2022 Collected: 28/02/2022 Reported: 01/03/2022
03:32

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Vitamin B12 and Folate

Vitamin B12	209	pmol/L	(135 - 650)
Serum Folate	27.6	nmol/L	(>7.0)

Comment on Lab ID 863455431

From 8 March 2014, active B12 (holotranscobalamin) testing will be performed on all patients with low or equivocal (at or below 340 pmol/L) total B12 results. Both tests are eligible for a Medicare rebate under these circumstances.

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Tests Completed: B12(s), Fol(s), LFT(s), C(s), UCreat(s), E(s), Glu(s),
Iron(s), HDL & LIPIDS, CRP(s), TSH(s), Thyroid Abs(s), FBC(e)
Tests Pending : Active B12(s)
Sample Pending :

ALAMYAR, FIONA
20/10 RANGE RD, NORTH GOSFORD. 2250
Phone: 0411413945
Birthdate: 06/03/1995 Sex: F Medicare Number: 2771079782
Your Reference: 00340007 Lab Reference: 863455431-C-C151
Laboratory: bsp
Addressee: DR EI K LATT Referred by: DR EI K LATT

Name of Test: Iron Studies
Requested: 24/02/2022 Collected: 28/02/2022 Reported: 01/03/2022
03:32

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Iron Studies

Iron	14.7	umol/L	(5.0 - 30.0)
Transferrin	2.1	g/L	(2.0 - 3.6)
TIBC (Calculated)	48	umol/L	(46 - 77)
Saturation	31	%	(10 - 45)
Ferritin	70	ug/L	(15 - 200)

Comment on Lab ID 863455431

NATA Accreditation No 2178

Tests Completed: B12(s), Fol(s), LFT(s), C(s), UCreat(s), E(s), Glu(s),
Iron(s), HDL & LIPIDS, CRP(s), TSH(s), Thyroid Abs(s), FBC(e)
Tests Pending : Active B12(s)
Sample Pending :

ALAMYAR, FIONA
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Birthdate: 06/03/1995 Sex: F Medicare Number: 2771079782
Your Reference: 00340007 Lab Reference: 863455431-E-E031
Laboratory: bsp
Addressee: DR EI K LATT Referred by: DR EI K LATT

Name of Test: Thyroid Function
Requested: 24/02/2022 Collected: 28/02/2022 Reported: 01/03/2022
03:32

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Thyroid Function

TSH 0.56 mIU/L (0.40 - 3.50)

Comment on Lab ID 863455431

NATA Accreditation No 2178

Tests Completed: B12(s), Fol(s), LET(s), C(s), UCreat(s), E(s), Glu(s),
Iron(s), HDL & LIPIDS, CRP(s), TSH(s), Thyroid Abs(s), FBC(e)
Tests Pending : Active B12(s)
Sample Pending :

ALAMYAR, FIONA
20/10 RANGE RD, NORTH GOSFORD. 2250
Phone: 0411413945
Birthdate: 06/03/1995 Sex: F Medicare Number: 2771079782
Your Reference: 00340007 Lab Reference: 863455431-C-E348
Laboratory: bsp
Addressee: DR EI K LATT Referred by: DR EI K LATT

Name of Test: Active B12(s)
Requested: 24/02/2022 Collected: 28/02/2022 Reported: 01/03/2022
06:02

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Active B12

Active B12 50 pmol/L (>35)

NATA Accreditation No 2178

Tests Completed: B12(s), Fol(s), LFT(s), C(s), UCreat(s), E(s), Glu(s),
Iron(s), HDL & LIPIDS, CRP(s), TSH(s), Active B12(s),
Thyroid Abs(s), FBC(e)

Tests Pending :
Sample Pending :

ALAMYAR, FIONA
20/10 RANGE RD, NORTH GOSFORD. 2250
Phone: 0411413945
Birthdate: 06/03/1995 Sex: F Medicare Number: 2771079782
Your Reference: 00340007 Lab Reference: 863455431-C-E613
Laboratory: bsp
Addressee: DR EI K LATT Referred by: DR EI K LATT

Name of Test: Tg &/or Thy Ab (s)
Requested: 24/02/2022 Collected: 28/02/2022 Reported: 01/03/2022
03:32

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Thyroglobulin and/or Thyroid Antibodies

Thyroglobulin Ab	H 30.1	IU/mL	(	<4.1	)
Thyroid Peroxidase Ab	H 9.4	IU/mL	(	<5.6	)

Comment on Lab ID 863455431

High levels of thyroglobulin and thyroid peroxidase antibodies occur in Hashimoto's disease. Lower levels can occur in clinically normal persons and with other thyroid disorders.

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Tests Completed: B12(s), Fol(s), LFT(s), C(s), UCreat(s), E(s), Glu(s),
Iron(s), HDL & LIPIDS, CRP(s), TSH(s), Thyroid Abs(s), FBC(e)
Tests Pending : Active B12(s)
Sample Pending :