

[REDACTED]

Name of Test: HIV(s)
Requested: 21/12/2022 Collected: 21/12/2022 Reported: 21/12/2022
18:52

Clinical notes: ? EXTRANODAL MARGINAL LYMPHOMA

Clinical Notes : ? EXTRANODAL MARGINAL LYMPHOMA

HIV Antigen and Antibody

HIV 1/2 Antigen and Antibody Negative

Comment on Lab ID 845140510

If serum was taken less than 3 months after exposure, this result may not exclude HIV-1/HIV-2 infection. Therefore another serum specimen should be tested after that time.

NATA Accreditation No 2178

Tests Completed: B12(s), Fol(s), LFT(s), C(s), UCreat(s), E(s), LD(s),
Phos(s), Protein(s), Glob(s), Iron(s), Ca(s), Mg(s),
HepC(s), HIV(s), HBsAg(s), HBsAb(s), HB-Sero,
Active B12(s), FBC(e), FILM

Tests Pending : LSM-BL(e), .SFLC(s), PEPG(s), IFE(s), EBVNA(s), CMV(s)
Sample Pending :

[REDACTED]

Name of Test: .SFLC(s)

Requested: 21/12/2022

Collected: 21/12/2022

Reported: 22/12/2022

11:52

Clinical notes: ? EXTRANODAL MARGINAL LYMPHOMA

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Serum Light Chains

Kappa Free Light Chains-Freelite	10.7	mg/L	(3.3 - 19.4)
Lambda Free Light Chains-Freelite	10.0	mg/L	(5.7 - 26.3)
K/L Ratio-Freelite	1.1		(0.3 - 1.7)

Comment on Lab ID 845140510

Rising concentrations of one light chain with an abnormal ratio indicate plasma cell dyscrasia. Ageing, polyclonal hypergammaglobulinaemia and renal impairment result in elevation of both light chains with a normal ratio. Monomeric free kappa light chains are metabolised faster in the kidney than dimeric lambda light chains hence the free kappa/lambda ratio is reversed compared to their production. Very high free light chain concentrations may not be detected unless a serum EPG-IFE is performed simultaneously.

NATA Accreditation No 2178

Tests Completed: B12(s), Fol(s), LFT(s), C(s), UCreat(s), E(s), LD(s),
Phos(s), Protein(s), Glob(s), Iron(s), Ca(s), Mg(s),
HepC(s), HIV(s), HBsAg(s), HBsAb(s), HB-Sero,
Active B12(s), FBC(e), FILM, .SFLC(s), EBVNA(s), CMV(s)

Tests Pending : LSM-BL(e), PEPG(s), IFE(s)

Sample Pending :

[REDACTED]

Name of Test: PEPG(s)

Requested: 21/12/2022

Collected: 21/12/2022

Reported: 22/12/2022

15:52

Clinical notes: ? EXTRANODAL MARGINAL LYMPHOMA

Clinical Notes : ? EXTRANODAL MARGINAL LYMPHOMA

Serum Protein Electrophoresis (EPG)

Total Protein	68	g/L	(68 - 85)
Albumin	44	g/L	(37 - 50)
Total Globulin	24	g/L	(22 - 38)
Alpha 1 Globulin	1.9	g/L	(1.0 - 3.0)
Alpha 2 Globulin	8.4	g/L	(4.0 - 10.0)
Beta Globulin	7.8	g/L	(5.0 - 11.0)
Gamma Globulin	L 5.5	g/L	(7.0 - 16.0)

Comment on Lab ID 845140510

Slight reduction in gamma globulins noted.

NATA Accreditation No 2178

Tests Completed: B12(s), Fol(s), LFT(s), C(s), UCreat(s), E(s), LD(s),
Phos(s), Protein(s), Glob(s), Iron(s), Ca(s), Mg(s),
HepC(s), HIV(s), HBsAg(s), HBsAb(s), HB-Sero,
Active B12(s), FBC(e), FILM, .SFLC(s), PEPG(s), IFE(s),
EBVNA(s), CMV(s)

Tests Pending : LSM-BL(e)

Sample Pending :

[REDACTED]

Name of Test: IFE(s)

Requested: 21/12/2022

Collected: 21/12/2022

Reported: 22/12/2022 15:52

Clinical notes: ? EXTRANODAL MARGINAL LYMPHOMA

Clinical Notes : ? EXTRANODAL MARGINAL LYMPHOMA

Serum Protein Immunofixation (IFE)

Paraprotein not detected

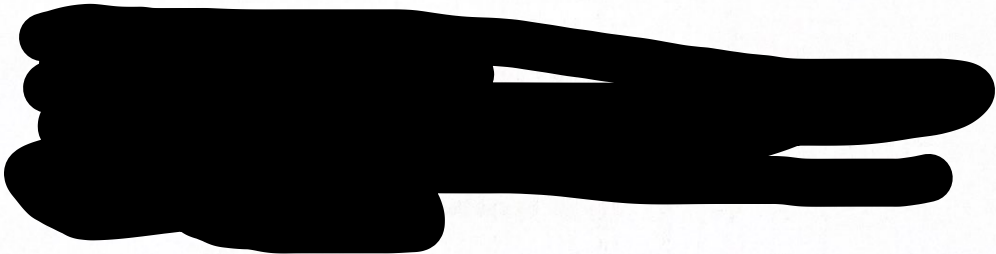
Comment on Lab ID 845140510

NATA Accreditation No 2178

Tests Completed: B12(s), Fol(s), LFT(s), C(s), UCreat(s), E(s), LD(s),
Phos(s), Protein(s), Glob(s), Iron(s), Ca(s), Mg(s),
HepC(s), HIV(s), HBsAg(s), HBsAb(s), HB-Sero,
Active B12(s), FBC(e), FILM, .SFLC(s), PEPG(s), IFE(s),
EBVNA(s), CMV(s)

Tests Pending : LSM-BL(e)

Sample Pending :



Name of Test: Iron Studies
Requested: 21/12/2022 Collected: 21/12/2022 Reported: 21/12/2022
16:52

Clinical notes: ? EXTRANODAL MARGINAL LYMPHOMA

Clinical Notes : ? EXTRANODAL MARGINAL LYMPHOMA

IRON

Date	11/11/19	23/11/20	21/12/22		
Time F-Fast	0906 F	0902 F	1318		
Lab ID	840874282	847077672	845140510	Units	Reference
Iron	13.3	13.9	16.4	umol/L	(5.0-30.0)
Transferrin	2.7	2.7	3.1	g/L	(2.0-3.6)
TIBC (Calc)	60	60	68	umol/L	(46-77)
Saturation	22	23	24	%	(10-45)
Ferritin	58	54	56	ug/L	(15-200)

NATA Accreditation No 2178

Tests Completed: LFT(s), C(s), UCreat(s), E(s), LD(s), Phos(s), Protein(s),
Iron(s), Ca(s), Mg(s), HepC(s), HBsAb(s), Active B12(s)
Tests Pending : B12(s), Fol(s), Glob(s), HIV(s), HBsAg(s), HB-Sero, FBC(e),
FILM, LSM-BL(e), .SFLC(s), PEPG(s), IFE(s), EBVNA(s), CMV(s)
Sample Pending :

[REDACTED]

Name of Test: Hep C Serology
Requested: 21/12/2022 Collected: 21/12/2022 Reported: 21/12/2022
16:52

Clinical notes: ? EXTRANODAL MARGINAL LYMPHOMA

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Hepatitis C Serology

Hepatitis C Ab (Abbott) Not Detected

Comment on Lab ID 845140510

Hepatitis C - No evidence of infection with Hepatitis C. Seroconversion is sometimes delayed and repeat testing up to 6 months post-exposure may be necessary to exclude infection.

NATA Accreditation No 2178

Tests Completed: LFT(s), C(s), UCreat(s), E(s), LD(s), Phos(s), Protein(s),
Iron(s), Ca(s), Mg(s), HepC(s), HBsAb(s), Active B12(s)
Tests Pending : B12(s), Fol(s), Glob(s), HIV(s), HBsAg(s), HB-Sero, FBC(e),
FILM, LSM-BL(e), .SFLC(s), PEPG(s), IFE(s), EBVNA(s), CMV(s)
Sample Pending :



Name of Test: Active B12(s)
Requested: 21/12/2022 Collected: 21/12/2022 Reported: 21/12/2022
16:52

Clinical notes: ? EXTRANODAL MARGINAL LYMPHOMA

Clinical Notes : ? EXTRANODAL MARGINAL LYMPHOMA

Active B12

Active B12 >128 pmol/L (>35)

NATA Accreditation No 2178

Tests Completed: LFT(s), C(s), UCreat(s), E(s), LD(s), Phos(s), Protein(s),
Iron(s), Ca(s), Mg(s), HepC(s), HBsAb(s), Active B12(s)
Tests Pending : B12(s), Fol(s), Glob(s), HIV(s), HBsAg(s), HB-Sero, FBC(e),
FILM, LSM-BL(e), .SFLC(s), PEPG(s), IFE(s), EBVNA(s), CMV(s)
Sample Pending :

[REDACTED]

Name of Test: B12/Folate/RCF
Requested: 21/12/2022 Collected: 21/12/2022 Reported: 21/12/2022
17:22

Clinical notes: ? EXTRANODAL MARGINAL LYMPHOMA

Clinical Notes : ? EXTRANODAL MARGINAL LYMPHOMA

VIT B12 & FOLATE

Date	11/11/19	23/11/20	21/12/22		
Time F-Fast	0906 F	0902 F	1318		
Lab ID	840874282	847077672	845140510	Units	Reference
Vitamin B12	495	492	616	pmol/L	(135-650)
S.Fol (Abbott)			28.5	nmol/L	(>7.0)

Comments on Collection 21/12/22 1318:
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.

NATA Accreditation No 2178

Tests Completed: B12(s), Fol(s), LFT(s), C(s), UCreat(s), E(s), LD(s), Phos(s), Protein(s), Iron(s), Ca(s), Mg(s), HepC(s), HBsAb(s), Active B12(s)
Tests Pending : Glob(s), HIV(s), HBsAg(s), HB-Sero, FBC(e), FILM, LSM-BL(e), .SFLC(s), PEPG(s), IFE(s), EBVNA(s), CMV(s)
Sample Pending :

Name of Test: Biochemistry
Requested: 21/12/2022 Collected: 21/12/2022 Reported: 21/12/2022 17:52

Clinical notes: ? EXTRANODAL MARGINAL LYMPHOMA

Clinical Notes : ? EXTRANODAL MARGINAL LYMPHOMA

BIOCHEMISTRY

Date	23/11/20	22/12/21	15/12/22	21/12/22		
Time F-Fast	0902 F	0914 F	1040 F	1318		
Lab ID	847077672	866998082	883785372	845140510	Units	Reference
Sodium	137	139	139	139	mmol/L	(135-145)
Potassium	4.3	4.0	4.1	4.2	mmol/L	(3.5-5.5)
Chloride	107	107	109	105	mmol/L	(95-110)
Bicarbonate	21	21	23	23	mmol/L	(20-32)
Urea	3.6	4.1	4.1	4.7	mmol/L	(2.5-7.0)
Creatinine	65	65	65	65	umol/L	(45-85)
eGFR	>90	>90	>90	>90	mL/min/1.73m2	(>59)
Calcium		2.18		2.44	mmol/L	(2.15-2.55)
Corr Calcium		2.16		2.30	mmol/L	(2.15-2.55)
Magnesium				0.89	mmol/L	(0.65-1.00)
Phosphate				1.22	mmol/L	(0.8-1.5)
Bili.Total	14	H 20	13	11	umol/L	(3-15)
ALP	50	47	46	56	U/L	(20-105)
GGT	15	12	14	14	U/L	(5-35)
LD	166	191	195	231	U/L	(120-250)
AST	19	15	17	20	U/L	(10-35)
ALT	16	13	19	19	U/L	(5-30)
Total Protein	69	L 65	L 61	68	g/L	(68-85)
Albumin	45	44	44	H 50	g/L	(37-48)
Globulin	24	L 21	L 17	L 18	g/L	(23-39)

Comments on Collection 21/12/22 1318:

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

NATA Accreditation No 2178

Tests Completed: B12(s), FOL(s), LFT(s), C(s), UCreat(s), E(s), LD(s),
Phos(s), Protein(s), Glob(s), Iron(s), Ca(s), Mg(s),
HepC(s), HBsAb(s), Active B12(s)

Tests Pending : HIV(s), HBsAg(s), HB-Sero, FBC(e), FILM, LSM-BL(e),
.SFLC(s), PEPG(s), IFE(s), EBVNA(s), CMV(s)

Sample Pending :

[REDACTED]

Name of Test: Hep B Serology
Requested: 21/12/2022 Collected: 21/12/2022 Reported: 21/12/2022 18:52

Clinical notes: ? EXTRANODAL MARGINAL LYMPHOMA

Clinical Notes : ? EXTRANODAL MARGINAL LYMPHOMA

Hepatitis B Serology

Hepatitis B Surface Ag	Not Detected
Hepatitis B Surface Ab	<10 IU/L

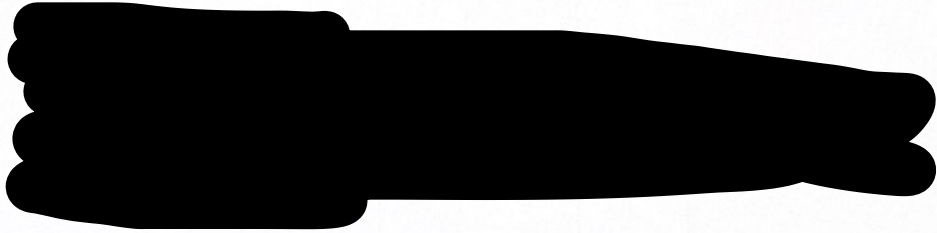
Comment on Lab ID 845140510

No evidence of hepatitis B infection or immunity (<10 IU/L).

NATA Accreditation No 2178

Tests Completed: B12(s), Fol(s), LFT(s), C(s), UCreat(s), E(s), LD(s),
Phos(s), Protein(s), Glob(s), Iron(s), Ca(s), Mg(s),
HepC(s), HIV(s), HBsAg(s), HBsAb(s), HB-Sero,
Active B12(s), FBC(e), FILM

Tests Pending : LSM-BL(e), .SFLC(s), PEPG(s), IFE(s), EBVNA(s), CMV(s)
Sample Pending :



Name of Test: EBVNA(s)
Requested: 21/12/2022 Collected: 21/12/2022 Reported: 21/12/2022
19:22

Clinical notes: ? EXTRANODAL MARGINAL LYMPHOMA

Clinical Notes : ? EXTRANODAL MARGINAL LYMPHOMA

Epstein-Barr Virus Serology

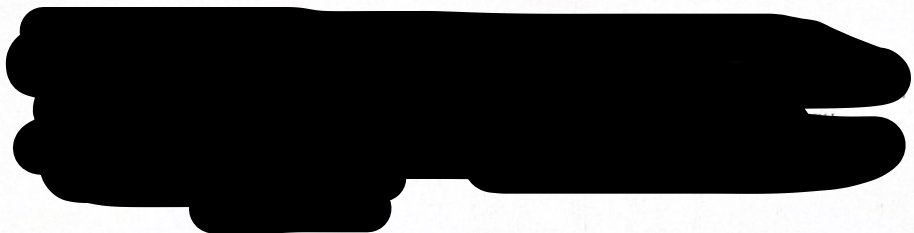
EBV VCA IgG	Detected
EBV NA IgG	Detected
EBV VCA IgM	Not Detected

Comment on Lab ID 845140510

Evidence of past, not current, EBV infection

NATA Accreditation No 2178

Tests Completed: B12(s), Fol(s), LFT(s), C(s), UCreat(s), E(s), LD(s),
Phos(s), Protein(s), Glob(s), Iron(s), Ca(s), Mg(s),
HepC(s), HIV(s), HBsAg(s), HBsAb(s), HB-Sero,
Active B12(s), FBC(e), FILM, EBVNA(s)
Tests Pending : LSM-BL(e), .SFLC(s), PEPG(s), IFE(s), CMV(s)
Sample Pending :



Name of Test: CMV Serology
Requested: 21/12/2022 Collected: 21/12/2022 Reported: 21/12/2022
21:22

Clinical notes: ? EXTRANODAL MARGINAL LYMPHOMA

Clinical Notes : ? EXTRANODAL MARGINAL LYMPHOMA

Cytomegalovirus Serology

CMV IgG (CMIA)	Detected
CMV IgM (CMIA)	Not Detected

Comment on Lab ID 845140510

Suggestive of past, not current, CMV infection.

NATA Accreditation No 2178

Tests Completed: B12(s), Fol(s), LFT(s), C(s), UCreat(s), E(s), LD(s),
Phos(s), Protein(s), Glob(s), Iron(s), Ca(s), Mg(s),
HepC(s), HIV(s), HBsAg(s), HBsAb(s), HB-Sero,
Active B12(s), FBC(e), FILM, EBVNA(s), CMV(s)

Tests Pending : LSM-BL(e), .SFLC(s), PEPG(s), IFE(s)

Sample Pending :

Name of Test: Haematology
Requested: 21/12/2022 Collected: 21/12/2022 Reported: 21/12/2022 18:22

Clinical notes: ? EXTRANODAL MARGINAL LYMPHOMA

Clinical Notes : ? EXTRANODAL MARGINAL LYMPHOMA

HAEMATOLOGY

Date	23/11/20	22/12/21	15/12/22	21/12/22		
Time F-Fast	0902 F	0914 F	1040 F	1318		
Lab ID	847077672	866998082	883785372	845140510	Units	Reference
Haemoglobin	133	129	128	131	g/L	(119-160)
RCC	4.5	4.5	4.4	4.6	x10 ¹² /L	(3.8-5.8)
Haematocrit	0.40	0.39	0.38	0.40		(0.35-0.48)
MCV	90	88	86	87	fL	(80-100)
MCH	29.8	28.9	29.0	28.5	pg	(27.0-32.0)
MCHC	333	328	336	326	g/L	(310-360)
RDW	13.3	13.2	13.5	13.3		(10.0-15.0)
WCC	5.5	9.4	H 27.1	H 24.3	x10 ⁹ /L	(4.0-11.0)
Neutrophils	3.23	3.98	4.45	H 8.07	x10 ⁹ /L	(2.0-7.5)
Lymphocytes	1.69	H 4.61	H 21.71	H 15.54	x10 ⁹ /L	(1.0-4.0)
Monocytes	0.43	0.38	0.58	0.50	x10 ⁹ /L	(0.0-1.0)
Eosinophils	0.12	0.22	0.32	0.16	x10 ⁹ /L	(0.0-0.5)
Basophils	0.03	0.05	0.06	0.04	x10 ⁹ /L	(0.0-0.3)
NRBC	<1.0	<1.0	<1.0	<1.0	/100 WBC	(<1)
Platelets	237	250	223	230	x10 ⁹ /L	(150-450)

Comments on Collection 21/12/22 1318:

Red Cell Morphology: Normal

Mild neutrophilia

Marked lymphocytosis. Smudge cells are noted.

Abnormal lymphoid cells are seen.

Consistent with a known lymphoproliferative disorder

NATA Accreditation No 2178

Tests Completed: B12(s), Fol(s), LFT(s), C(s), UCreat(s), E(s), LD(s),
Phos(s), Protein(s), Glob(s), Iron(s), Ca(s), Mg(s),
HepC(s), HBsAb(s), Active B12(s), FBC(e), FILM

Tests Pending : HIV(s), HBsAg(s), HB-Sero, LSM-BL(e), .SFLC(s), PEPG(s),
IFE(s), EBVNA(s), CMV(s)

Sample Pending :