SEGAIL, JENNIFER LEE
30 FARM GROVE ROAD, BEECHMONT. 4211
Phone: 0410568416
Birthdate: 14/09/1965 **Sex:** F **Medicare Number:** 27173532041
Your Reference: **Lab Reference:** 25-81770340-HPM-0
Laboratory: 4Cyte Pathology
Addressee: Dr JENNIFER POWER **Referred by:** Dr JENNIFER POWER

Name of Test: Full Blood Count
Requested: 03/06/2025 **Collected:** 11/06/2025 **Reported:** 11/06/2025 16:42

Clinical Notes: follow up recurrent infections

Full Blood Count (Whole Blood)

Coll Date:	19/02/24	28/03/25	**11/06/25**		
Coll Time:	08:15	12:00	**08:48**		
Lab Number:	12382337	81482989	**81770340**		
HAEMOGLOBIN	146	145	148	(115-165)	g/L
RBC	5.1	5.1	5.1	(3.8-5.8)	10^12/L
HCT	0.44	0.44	0.45	(0.32-0.46)	
MCV	86.9	86.2	87.1	(80.0-100.0)	fL
MCH	29	29	29	(26-32)	pg
MCHC	330	333	333	(300-360)	g/L
RDW	11.9	11.9	11.9	(< 15.1)	%
WCC	4.9	5.2	6.1	(4.0-11.0)	
Neutrophils	2.0	2.7	3.4	(2.0-8.0)	
Lymphocytes	2.3	2.0	1.9	(1.0-4.0)	
Monocytes	0.4	0.4	0.6	(0.2-1.0)	
Eosinophils	0.1	0.1	0.2	(< 0.8)	
Basophils	0.0	0.0	0.0	(< 0.2)	
PLATELETS	234	272	273	(150-400)	10^9/L
MPV	10.4	9.4	9.2	(6.5-14.9)	fL

FBC parameters normal.

Tests to follow: BSL,CHEM,FE,VD/PTH,CRP,ESR,TCELLS,UMCS

SEGAIL, JENNIFER LEE
30 FARM GROVE ROAD, BEECHMONT. 4211
Phone: 0410568416
Birthdate: 14/09/1965 **Sex:** F **Medicare Number:** 27173532041
Your Reference: **Lab Reference:** 25-81770340-FEM-0
Laboratory: 4Cyte Pathology
Addressee: Dr JENNIFER POWER **Referred by:** Dr JENNIFER POWER

Name of Test: Iron Studies
Requested: 03/06/2025 **Collected:** 11/06/2025 **Reported:** 12/06/2025 07:03

Clinical Notes: follow up recurrent infections
Pathologist: A/Prof P. Stewart

Iron Studies (Serum)

Coll Date:	03/01/24	28/03/25	**11/06/25**		
Coll Time:	08:25	12:00	**08:48**		
Lab Number:	80102488	81482989	**81770340**		
Ferritin	129	145	215	(30-300)	ug/L
Iron			16	(9-30)	umol/L
Transferrin			2.5	(2.0-3.6)	g/L
Transferrin Sat.			26	(15-50)	%

Tests to follow: CHEM,VD/PTH,ESR,TCELLS,UMCS

SEGAIL, JENNIFER LEE
30 FARM GROVE ROAD, BEECHMONT. 4211
Phone: 0410568416
Birthdate: 14/09/1965 **Sex:** F **Medicare Number:** 27173532041
Your Reference: **Lab Reference:** 25-81770340-GLM-0
Laboratory: 4Cyte Pathology
Addressee: Dr JENNIFER POWER **Referred by:** Dr JENNIFER POWER

Name of Test: Glucose
Requested: 03/06/2025 **Collected:** 11/06/2025 **Reported:** 12/06/2025 07:03

Clinical Notes: follow up recurrent infections
Pathologist: A/Prof P. Stewart

Glucose (Serum)

Coll Date:	19/02/24	28/03/25	**11/06/25**		
Coll Time:	08:15	12:00	**08:48**		
Lab Number:	12382337	81482989	**81770340**		
Glucose Random	5.1	5.1		(3.0-7.7)	mmol/L
Glucose Fasting			5.2	(3.0-5.4)	mmol/L

Diabetes unlikely (no documented laboratory history of diabetes). Retest every 3 years if low risk.

Tests to follow: CHEM,VD/PTH,ESR,TCELLS,UMCS

SEGAIL, JENNIFER LEE
30 FARM GROVE ROAD, BEECHMONT. 4211
Phone: 0410568416
Birthdate: 14/09/1965 **Sex:** F **Medicare Number:** 27173532041
Your Reference: **Lab Reference:** 25-81770340-ESR-0
Laboratory: 4Cyte Pathology
Addressee: Dr JENNIFER POWER **Referred by:** Dr JENNIFER POWER

Name of Test: Esr
Requested: 03/06/2025 **Collected:** 11/06/2025 **Reported:** 12/06/2025 08:13

Clinical Notes: follow up recurrent infections

Erythrocyte Sedimentation Rate (Whole Blood)

Coll Date:	**03/01/24**	**11/06/25**		
Coll Time:	08:25	**08:48**		
Lab Number:	80102488	**81770340**		
ESR		2	(< 21)	mm/Hr

Tests to follow: CHEM,VD/PTH,TCELLS,UMCS

SEGAIL, JENNIFER LEE
30 FARM GROVE ROAD, BEECHMONT. 4211
Phone: 0410568416
Birthdate: 14/09/1965 **Sex:** F **Medicare Number:** 27173532041
Your Reference: **Lab Reference:** 25-81770340-MBM-0
Laboratory: 4Cyte Pathology
Addressee: Dr JENNIFER POWER **Referred by:** Dr JENNIFER POWER

Name of Test: Vitd/Pth
Requested: 03/06/2025 **Collected:** 11/06/2025 **Reported:** 12/06/2025 10:53

Clinical Notes: follow up recurrent infections
Pathologist: A/Prof P. Stewart

Vitamin D and Metabolic Bone Markers (Serum)

Coll Date:	28/03/25	**11/06/25**
Coll Time:	12:00	**08:48**
Lab Number:	81482989	**81770340**

25-OH Vit D	49	L	152	(50-200)	nmol/L

Tests to follow: CHEM,TCELLS,UMCS

SEGAIL, JENNIFER LEE
30 FARM GROVE ROAD, BEECHMONT. 4211
Phone: 0410568416
Birthdate: 14/09/1965 **Sex:** F **Medicare Number:** 27173532041
Your Reference: **Lab Reference:** 25-81770340-RCM-0
Laboratory: 4Cyte Pathology
Addressee: Dr JENNIFER POWER **Referred by:** Dr JENNIFER POWER

Name of Test: Biochemistry, Serum
Requested: 03/06/2025 **Collected:** 11/06/2025 **Reported:** 12/06/2025 12:17

Clinical Notes: follow up recurrent infections
Pathologist: A/Prof P. Stewart

Biochemistry (Serum)

Coll Date:	19/02/24	28/03/25	**11/06/25**			
Coll Time:	08:15	12:00	**08:48**			
Lab Number:	12382337	81482989	**81770340**			
Sodium	141	141	138		(135-145)	mmol/L
Potassium	3.9	4.1	4.3		(3.5-5.3)	mmol/L
Chloride	105	107	104		(95-110)	mmol/L
Bicarbonate	29	27	27		(22-32)	mmol/L
Anion Gap	11	11	11		(8-19)	mmol/L
Urea	5.2	6.4	4.8		(3.2-8.2)	mmol/L
Creatinine	66	59	59		(45-90)	umol/L
eGFR	88	> 90	> 90		(> 59)	
Urate	0.26	0.29	0.27		(0.15-0.40)	mmol/L
Total Protein	71	72	70		(60-80)	g/L
Globulin	31	30	33		(23-39)	g/L
Albumin	40	42	37		(34-50)	g/L
Bilirubin	9	7	5		(< 21)	umol/L
Alk. Phosphatase	65	64	69		(30-110)	U/L
Gamma GT	13	18	25		(< 36)	U/L
ALT	27	33	41	H	(< 35)	U/L
AST	21	25	29		(< 30)	U/L
LD	179	216	181		(120-250)	U/L
Calcium	2.35	2.49	2.32		(2.10-2.60)	mmol/L
Adj. Calcium	2.35	2.45	2.38		(2.10-2.60)	mmol/L
Phosphate	1.34	1.21	1.15		(0.75-1.50)	mmol/L
Status	Random	Random	Fasting			
Cholesterol	5.0	6.2	5.7	H	(< 5.6)	mmol/L
Triglyceride	0.9	1.7	1.6		(< 2.1)	mmol/L

Tests to follow: TCELLS,UMCS

SEGAIL, JENNIFER LEE
30 FARM GROVE ROAD, BEECHMONT. 4211
Phone: 0410568416
Birthdate: 14/09/1965 **Sex:** F **Medicare Number:** 27173532041
Your Reference: **Lab Reference:** 25-81770340-FTC-0
Laboratory: 4Cyte Pathology
Addressee: Dr JENNIFER POWER **Referred by:** Dr JENNIFER POWER

Name of Test: T Cell Subsets
Requested: 03/06/2025 **Collected:** 11/06/2025 **Reported:** 12/06/2025 14:22

Clinical Notes: follow up recurrent infections
Pathologist: Prof D. Fulcher

Lymphocyte Subsets (Whole Blood)

Lymphocyte Count	1890	(1000-4000)	cells/uL
CD3 (T cells)	1490	(540-1880)	cells/uL
CD4 (T-helper)	794	(370-1390)	cells/uL
CD8 (Cytotoxic T)	605	(130-740)	cells/uL
CD19 (B cells)	267	(85-540)	cells/uL
NK (CD3-/16+/56+)	130	(70-490)	cells/uL
CD3 (T cells)	79	(60-85)	%
CD4 (T-helper)	42	(35-66)	%
CD8 (Cytotoxic T)	32	(11-38)	%
CD19 (B cells)	14.1	(6.0-27.0)	%
NK (CD3-/16+/56+)	7	(6-29)	%
CD4/CD8 Ratio	1.3	(1.1-6.0)	

Normal lymphocyte subsets.

Tests to follow: UMCS

SEGAIL, JENNIFER LEE
30 FARM GROVE ROAD, BEECHMONT. 4211
Phone: 0410568416
Birthdate: 14/09/1965 **Sex:** F **Medicare Number:** 27173532041
Your Reference: **Lab Reference:** 25-81770340-UMC-0
Laboratory: 4Cyte Pathology
Addressee: Dr JENNIFER POWER **Referred by:** Dr JENNIFER POWER

Name of Test: Urine Culture
Requested: 03/06/2025 **Collected:** 11/06/2025 **Reported:** 12/06/2025 17:09

Clinical Notes: follow up recurrent infections
Pathologist: Dr P. James

Urine Culture

Coll Date:	**11/06/25**		
Coll Time:	**08:48**		
Lab Number:	**81770340**		
Microscopy:			
White cells	12	(<10)	10^6/L
Red cells	< 10	(<10)	10^6/L
Epithelial	< 10	(<10)	10^6/L
Chemistry:			
pH	6.0	(4.0-9.0)	
Protein	Neg		
Glucose	Neg		
Ketones	Neg		
Blood(Hb)	Neg		
Organism:	pending		

Current Request: **81770340**
Culture: pending

INTERIM REPORT
A Final Report will be issued when the Culture results are available.

Preliminary Report

Tests to follow: UMCS

SEGAIL, JENNIFER LEE
30 FARM GROVE ROAD, BEECHMONT. 4211
Phone: 0410568416
Birthdate: 14/09/1965 **Sex:** F **Medicare Number:** 27173532041
Your Reference: **Lab Reference:** 25-81770340-CRP-0
Laboratory: 4Cyte Pathology
Addressee: Dr JENNIFER POWER **Referred by:** Dr JENNIFER POWER

Name of Test: C-Reactive Protein
Requested: 03/06/2025 **Collected:** 11/06/2025 **Reported:** 12/06/2025 07:03

Clinical Notes: follow up recurrent infections
Pathologist: A/Prof P. Stewart

C-Reactive Protein (Serum)

Coll Date:	**11/06/25**
Coll Time:	**08:48**
Lab Number:	**81770340**

C-Reactive Prot.	6.6	H	(< 3.3)	mg/L

Minor elevations in CRP levels (3.3-10.0 mg/L) are associated with inflammation, however may reflect sub-clinical inflammation/low-grade inflammatory states (eg. metabolic dysfunction).

Please note change of Reference Range from 06/6/2025.

Tests to follow: CHEM,VD/PTH,ESR,TCELLS,UMCS

SEGAIL, JENNIFER LEE
30 FARM GROVE ROAD, BEECHMONT. 4211
Phone: 0410568416
Birthdate: 14/09/1965 **Sex:** F **Medicare Number:** 27173532041
Your Reference: **Lab Reference:** 25-81770340-UMC-0
Laboratory: 4Cyte Pathology
Addressee: Dr JENNIFER POWER **Referred by:** Dr JENNIFER POWER

Name of Test: Urine Culture
Requested: 03/06/2025 **Collected:** 11/06/2025 **Reported:** 14/06/2025 07:36

Clinical Notes: follow up recurrent infections
Pathologist: Dr P. James

Urine Culture

Coll Date:	**11/06/25**		
Coll Time:	**08:48**		
Lab Number:	**81770340**		
Microscopy:			
White cells	12	(<10)	10^6/L
Red cells	< 10	(<10)	10^6/L
Epithelial	< 10	(<10)	10^6/L
Chemistry:			
pH	6.0	(4.0-9.0)	
Protein	Neg		
Glucose	Neg		
Ketones	Neg		
Blood(Hb)	Neg		
Organism:	Enter sp		

Current Request: **81770340**
Culture: Moderate predominant growth (10^7-8CFU/L) of Enterococcus species

Susceptibility:	**Enterococcus sp**
Amoxicillin	Susceptible
Cephalexin	Resistant
Nitrofurantoin	Susceptible
Trimethoprim	Resistant

Tests to follow: All Tests now completed