

DEYSEL, HANNAH
2/83 QUEEN STREET, SOUTHPORT. 4215
Phone: 0434020321
Birthdate: 18/01/1999 Sex: F Medicare Number: 44154823732
Your Reference: Lab Reference: 25-16742254-HPM-0
Laboratory: 4Cyte Pathology
Addressee: Dr KAARIN SMYTH Referred by: Dr KAARIN SMYTH

Name of Test: Full Blood Count
Requested: 17/09/2025 Collected: 23/09/2025 Reported: 23/09/2025
20:03

Clinical Notes: phx hypovit d, zinc

Full Blood Count (Whole Blood)

Coll Date:	22/10/24	23/09/25		
Coll Time:	11:17	13:17		
Lab Number:	14081242	16742254		
HAEMOGLOBIN	126	134	(115-165)	g/L
RBC	4.2	4.5	(3.7-5.8)	10 ¹² /L
HCT	0.39	0.42	(0.35-0.47)	
MCV	93.3	92.2	(80.0-100.0)	fL
MCH	30	30	(27-34)	pg
MCHC	325	323	(300-360)	g/L
RDW	12.4	13.0	(10.0-15.0)	%
WCC	6.5	7.0	(4.0-11.0)	
Neutrophils	3.9	4.4	(2.0-8.0)	
Lymphocytes	2.0	2.1	(1.0-4.0)	
Monocytes	0.3	0.3	(0.1-1.1)	
Eosinophils	0.2	0.2	(< 0.9)	
Basophils	0.0	0.0	(< 0.3)	
PLATELETS	195	203	(150-450)	10 ⁹ /L
MPV	12.0	10.9	(6.5-15.0)	fL

FBC parameters normal.

Tests to follow: CHEM, B12/FOL, FE, TFT, VD/PTH, STE, BSL

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Phone: 0434020321
Birthdate: 18/01/1999 Sex: F Medicare Number: 44154823732
Your Reference: Lab Reference: 25-16742254-GLM-0
Laboratory: 4Cyte Pathology
Addressee: Dr KAARIN SMYTH Referred by: Dr KAARIN SMYTH

Name of Test: Glucose
Requested: 17/09/2025 Collected: 23/09/2025 Reported: 24/09/2025
07:04

Clinical Notes: phx hypovit d, zinc
Pathologist: A/Prof P. Stewart

Glucose (Serum)

Coll Date:	22/10/24	23/09/25
Coll Time:	11:17	13:17
Lab Number:	14081242	16742254

Glucose Random	4.6	5.5	(3.0-7.7)	mmol/L
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Haemolysis	-
Icterus	-
Lipaemia	-

Glucose result in the equivocal range. No documented laboratory history of diabetes. Recommend: a) testing for HbA1c or GTT to resolve diabetic status and b) annual testing if impaired status confirmed.

Tests to follow: TFT,STE

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Your Reference: Lab Reference: 25-16742254-VBM-0
Laboratory: 4Cyte Pathology
Addressee: Dr KAARIN SMYTH Referred by: Dr KAARIN SMYTH

Name of Test: B12/Folate/Homocysteine
Requested: 17/09/2025 Collected: 23/09/2025 Reported: 24/09/2025
07:11

Clinical Notes: phx hypovit d, zinc
Pathologist: A/Prof P. Stewart

B12, Folate, Homocysteine Assessment (Serum)

Coll Date: 23/09/25
Coll Time: 13:17
Lab Number: 16742254

Vitamin B12	587	(160-650)	pmol/L
Serum Folate	38.1	(> 12.0)	nmol/L

Tests to follow: TFT,STE

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Birthdate: 18/01/1999 Sex: F Medicare Number: 44154823732

Your Reference: Lab Reference: 25-16742254-MBM-0

Laboratory: 4Cyte Pathology

Addressee: Dr KAARIN SMYTH Referred by: Dr KAARIN SMYTH

Name of Test: Vitd/Pth

Requested: 17/09/2025 Collected: 23/09/2025 Reported: 24/09/2025
07:11

Clinical Notes: phx hypovit d, zinc
Pathologist: A/Prof P. Stewart

Vitamin D and Metabolic Bone Markers (Serum)

Coll Date: 23/09/25
Coll Time: 13:17
Lab Number: 16742254

25-OH Vit D 105 (50-200) nmol/L

Tests to follow: TFT,STE

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Your Reference: Lab Reference: 25-16742254-STE-0

Laboratory: 4Cyte Pathology

Addressee: Dr KAARIN SMYTH Referred by: Dr KAARIN SMYTH

Name of Test: Serum Trace Elements

Requested: 17/09/2025 Collected: 23/09/2025 Reported: 24/09/2025
09:13

Clinical Notes: phx hypovit d, zinc
Pathologist: A/Prof P. Stewart

Trace Elements (Serum)

Coll Date: 23/09/25
Coll Time: 13:17
Lab Number: 16742254

Zinc 8.4 (8.0-17.0) umol/L

Tests to follow: TFT

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 Phone: 0434020321
 Birthdate: 18/01/1999 Sex: F Medicare Number: 44154823732
 Your Reference: Lab Reference: 25-16742254-RCM-0
 Laboratory: 4Cyte Pathology
 Addressee: Dr KAARIN SMYTH Referred by: Dr KAARIN SMYTH

Name of Test: Biochemistry, Serum
 Requested: 17/09/2025 Collected: 23/09/2025 Reported: 24/09/2025
 07:04

Clinical Notes: phx hypovit d, zinc
 Pathologist: A/Prof P. Stewart

Biochemistry (Serum)

Coll Date:	22/10/24	23/09/25		
Coll Time:	11:17	13:17		
Lab Number:	14081242	16742254		
Sodium	135	138	(135-145)	mmol/L
Potassium	4.7	4.4	(3.5-5.3)	mmol/L
Chloride	107	107	(95-110)	mmol/L
Bicarbonate	28	24	(22-32)	mmol/L
Anion Gap	5 L	11	(8-19)	mmol/L
Urea	6.0	8.0	(3.2-8.2)	mmol/L
Creatinine	71	98 H	(45-90)	umol/L
eGFR	> 90	69	(> 59)	
Urate	0.17	0.22	(0.15-0.40)	mmol/L
Total Protein	70	72	(60-80)	g/L
Globulin	32	31	(23-39)	g/L
Albumin	38	41	(34-50)	g/L
Bilirubin	5	6	(< 21)	umol/L
Alk. Phosphatase	45	42	(30-110)	U/L
Gamma GT	9	11	(< 36)	U/L
ALT	10	12	(< 35)	U/L
AST	14	19	(< 30)	U/L
LD	139	162	(120-250)	U/L
Calcium	2.32	2.29	(2.10-2.60)	mmol/L
Adj. Calcium	2.36	2.27	(2.10-2.60)	mmol/L
Phosphate	1.06	1.24	(0.75-1.50)	mmol/L
Status	Random	Random		
Cholesterol	4.5	4.7	(< 5.6)	mmol/L
Triglyceride	1.0	0.9	(< 2.1)	mmol/L
Haemolysis	-	-		
Icterus	-	-		
Lipaemia	-	-		

Tests to follow: TFT, STE

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Your Reference: Lab Reference: 25-16742254-FEM-0
Laboratory: 4Cyte Pathology
Addressee: Dr KAARIN SMYTH Referred by: Dr KAARIN SMYTH

Name of Test: Iron Studies
Requested: 17/09/2025 Collected: 23/09/2025 Reported: 24/09/2025
07:11

Clinical Notes: phx hypovit d, zinc
Pathologist: A/Prof P. Stewart

Iron Studies (Serum)

Coll Date:	22/10/24	23/09/25	
Coll Time:	11:17	13:17	
Lab Number:	14081242	16742254	
Ferritin	10 L	14 L	(30-200) ug/L
Iron	6 L	11	(9-30) umol/L
Transferrin	2.4	2.5	(2.0-3.6) g/L
Transferrin Sat.	10 L	18	(15-50) %
Haemolysis		-	
Icterus		-	
Lipaemia		-	

Ferritin result is consistent with iron deficiency. Recent prior laboratory history of low Ferritin noted. During reproductive years, iron deficiency in women is usually due to menorrhagia. Other causes include: other blood loss (e.g. H. pylori, occult blood), pregnancy/lactation, and decreased absorption (e.g. diet, coeliac).

Tests to follow: TFT, STE

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Your Reference: Lab Reference: 25-16742254-THM-0
Laboratory: 4Cyte Pathology
Addressee: Dr KAARIN SMYTH Referred by: Dr KAARIN SMYTH
Name of Test: Thyroid
Requested: 17/09/2025 Collected: 23/09/2025 Reported: 24/09/2025
10:42

Clinical Notes: phx hypovit d, zinc
Pathologist: A/Prof P. Stewart

Thyroid (Serum)

Coll Date:	22/10/24	23/09/25	
Coll Time:	11:17	13:17	
Lab Number:	14081242	16742254	
TSH	1.85	3.09	(0.50-4.00) mIU/L
TPO Ab		137.5 H	(< 13.8) IU/mL
Thyroglobulin Ab		923.0 H	(< 4.5) IU/mL
Thyroid Stim Ig		< 0.10	(< 0.55) IU/L

Euthyroid.

Please note change of TPO AB Reference Range from 31/3/2025.

Thyroid Stim Ig - Note test name change (previously TSH-R Ab).
Changed to reflect the measurement of the stimulating Ig at the TSH
receptor on the thyroid gland. No change to the reference range.

Autoantibodies study favour Hashimoto's thyroiditis.

Tests to follow: All Tests now completed