

HANSEN, RENAE
3/36 BILLINGTON ST, LABRADOR. 4215
Phone: 0439339709
Birthdate: 30/11/1984 Sex: F Medicare Number: 3312775919
Your Reference: Lab Reference: 25-16872736-HPM-0
Laboratory: 4Cyte Pathology
Addressee: Dr FARHAT HUSSAIN Referred by: Dr FARHAT HUSSAIN

Name of Test: Full Blood Count
Requested: 08/10/2025 Collected: 09/10/2025 Reported: 09/10/2025
17:14

Clinical Notes:

Full Blood Count (Whole Blood)

Coll Date: 09/10/25
Coll Time: 08:52
Lab Number: 16872736

HAEMOGLOBIN	131	(115-165)	g/L
RBC	4.4	(3.7-5.8)	10 ¹² /L
HCT	0.40	(0.35-0.47)	
MCV	91.6	(80.0-100.0)	fL
MCH	30	(27-34)	pg
MCHC	324	(300-360)	g/L
RDW	12.3	(10.0-15.0)	%
WCC	8.6	(4.0-11.0)	
Neutrophils	5.3	(2.0-8.0)	
Lymphocytes	1.9	(1.0-4.0)	
Monocytes	0.8	(0.1-1.1)	
Eosinophils	0.6	(< 0.9)	
Basophils	0.0	(< 0.3)	
PLATELETS	286	(150-450)	10 ⁹ /L
MPV	10.8	(6.5-15.0)	fL

FBC parameters normal.

Tests to follow: CHEM,BSL,FE,FATS,TFT,B12/FOL,VD/PTH,CCP/RF,CRP,HbA1C,ESR,UMCS

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3/36 BILLINGTON ST, LABRADOR. 4215
Phone: 0439339709
Birthdate: 30/11/1984 Sex: F Medicare Number: 3312775919
Your Reference: Lab Reference: 25-16872736-GHB-0
Laboratory: 4Cyte Pathology
Addressee: Dr FARHAT HUSSAIN Referred by: Dr FARHAT HUSSAIN
Name of Test: HbA1c
Requested: 08/10/2025 Collected: 09/10/2025 Reported: 10/10/2025
05:28

Clinical Notes:

Diabetic Testing (Whole Blood)

Coll Date:	09/10/25
Coll Time:	08:52
Lab Number:	16872736
HbA1c (NGSP)	4.7 (4.0-5.9) %
HbA1c (IFCC)	28 (20-41) mmol/mol

Tests to follow: CHEM,BSL,FE,FATS,TFT,B12/FOL,VD/PTH,CCP/RF,CRP,ESR,UMCS

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Phone: 0439339709
Birthdate: 30/11/1984 Sex: F Medicare Number: 3312775919
Your Reference: Lab Reference: 25-16872736-ESR-0
Laboratory: 4Cyte Pathology
Addressee: Dr FARHAT HUSSAIN Referred by: Dr FARHAT HUSSAIN

Name of Test: Esr
Requested: 08/10/2025 Collected: 09/10/2025 Reported: 10/10/2025
06:04

Clinical Notes:

Erythrocyte Sedimentation Rate (Whole Blood)

Coll Date: 09/10/25
Coll Time: 08:52
Lab Number: 16872736

ESR 30 H (< 21) mm/Hr

Tests to follow: CHEM,BSL,FE,FATS,TFT,B12/FOL,VD/PTH,CCP/RF,CRP,UMCS

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Phone: 0439339709
Birthdate: 30/11/1984 Sex: F Medicare Number: 3312775919
Your Reference: Lab Reference: 25-16872736-UMC-0
Laboratory: 4Cyte Pathology
Addressee: Dr FARHAT HUSSAIN Referred by: Dr FARHAT HUSSAIN

Name of Test: Urine Culture
Requested: 08/10/2025 Collected: 09/10/2025 Reported: 10/10/2025
13:14

Clinical Notes:
Pathologist: Dr A. Jaksic

Urine Culture

Coll Date: 09/10/25
Coll Time: 08:52
Lab Number: 16872736

Microscopy:			
White cells	26	(<10)	10 ⁶ /L
Red cells	< 10	(<10)	10 ⁶ /L
Epithelial	40	(<10)	10 ⁶ /L

Chemistry:		
pH	6.5	(4.0-9.0)
Protein	Neg	
Glucose	Neg	
Ketones	Neg	
Blood(Hb)	Neg	

Organism: pending

Current Request: 16872736
Culture: pending

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

Preliminary Report

Tests to follow: CHEM,BSL,FE,FATS,TFT,B12/FOL,VD/PTH,CCP/RF,CRP,UMCS

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Phone: 0439339709
Birthdate: 30/11/1984 Sex: F Medicare Number: 3312775919
Your Reference: Lab Reference: 25-16872736-CRP-0
Laboratory: 4Cyte Pathology
Addressee: Dr FARHAT HUSSAIN Referred by: Dr FARHAT HUSSAIN

Name of Test: C-Reactive Protein
Requested: 08/10/2025 Collected: 09/10/2025 Reported: 10/10/2025
18:57

Clinical Notes:
Pathologist: A/Prof P. Stewart

C-Reactive Protein (Serum)

Coll Date: 09/10/25
Coll Time: 08:52
Lab Number: 16872736

C-Reactive Prot. 12.8 H (< 3.3) mg/L

Moderate elevations in CRP levels (10.1-100 mg/L) indicate an acute phase reaction generally associated with clinically significant inflammatory disease, bacterial infection and to a lesser extent viral infection.

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

Tests to follow: B12/FOL, CCP/RF, UMCS

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Phone: 0439339709
Birthdate: 30/11/1984 Sex: F Medicare Number: 3312775919
Your Reference: Lab Reference: 25-16872736-RCM-0
Laboratory: 4Cyte Pathology
Addressee: Dr FARHAT HUSSAIN Referred by: Dr FARHAT HUSSAIN

Name of Test: Biochemistry, Serum
Requested: 08/10/2025 Collected: 09/10/2025 Reported: 10/10/2025
18:57

Clinical Notes:
Pathologist: A/Prof P. Stewart

Biochemistry (Serum)

Coll Date: 09/10/25
Coll Time: 08:52
Lab Number: 16872736

Sodium	139	(135-145)	mmol/L
Potassium	4.2	(3.5-5.3)	mmol/L
Chloride	105	(95-110)	mmol/L
Bicarbonate	28	(22-32)	mmol/L
Anion Gap	10	(8-19)	mmol/L
Urea	5.0	(3.2-8.2)	mmol/L
Creatinine	75	(45-90)	umol/L
eGFR	86	(> 59)	
Urate	0.25	(0.15-0.40)	mmol/L
Total Protein	73	(60-80)	g/L
Globulin	33	(23-39)	g/L
Albumin	40	(34-50)	g/L
Bilirubin	11	(< 21)	umol/L
Alk. Phosphatase	156	H (30-110)	U/L
Gamma GT	34	(< 36)	U/L
ALT	75	H (< 35)	U/L
AST	41	H (< 30)	U/L
LD	128	(120-250)	U/L
Calcium	2.26	(2.10-2.60)	mmol/L
Adj. Calcium	2.26	(2.10-2.60)	mmol/L
Phosphate	1.47	(0.75-1.50)	mmol/L
Haemolysis	-		
Icterus	-		
Lipaemia	-		

Tests to follow: B12/FOL, CCP/RF, UMCS

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Phone: 0439339709
Birthdate: 30/11/1984 Sex: F Medicare Number: 3312775919
Your Reference: Lab Reference: 25-16872736-GLM-0
Laboratory: 4Cyte Pathology
Addressee: Dr FARHAT HUSSAIN Referred by: Dr FARHAT HUSSAIN

Name of Test: Glucose
Requested: 08/10/2025 Collected: 09/10/2025 Reported: 10/10/2025
18:57

Clinical Notes:
Pathologist: A/Prof P. Stewart

Glucose (Serum)

Coll Date: 09/10/25
Coll Time: 08:52
Lab Number: 16872736

Glucose Fasting 4.5 (3.0-5.4) mmol/L

Haemolysis -

Icterus -

Lipaemia -

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

Tests to follow: B12/FOL, CCP/RF, UMCS

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Phone: 0439339709
Birthdate: 30/11/1984 Sex: F Medicare Number: 3312775919
Your Reference: Lab Reference: 25-16872736-LPM-0
Laboratory: 4Cyte Pathology
Addressee: Dr FARHAT HUSSAIN Referred by: Dr FARHAT HUSSAIN

Name of Test: Lipid Studies
Requested: 08/10/2025 Collected: 09/10/2025 Reported: 10/10/2025
18:57

Clinical Notes:
Pathologist: A/Prof P. Stewart

Lipid Studies (Serum)

Coll Date: 09/10/25
Coll Time: 08:52
Lab Number: 16872736

Status	Fasting		
Cholesterol	4.1	(< 5.6)	mmol/L
Triglyceride	1.0	(< 2.1)	mmol/L
HDL-c	1.8	(> 1.1)	mmol/L
LDL-c	1.8	(< 3.1)	mmol/L
TC/HDL-c	2.3	(< 4.5)	
Non-HDL-c	2.3	(< 4.1)	mmol/L

Tests to follow: B12/FOL, CCP/RF, UMCS

HANSEN, RENAE
3/36 BILLINGTON ST, LABRADOR. 4215
Phone: 0439339709
Birthdate: 30/11/1984 Sex: F Medicare Number: 3312775919
Your Reference: Lab Reference: 25-16872736-MBM-0
Laboratory: 4Cyte Pathology
Addressee: Dr FARHAT HUSSAIN Referred by: Dr FARHAT HUSSAIN
Name of Test: Vitd/Pth
Requested: 08/10/2025 Collected: 09/10/2025 Reported: 10/10/2025
19:04

Clinical Notes:
Pathologist: A/Prof P. Stewart

Vitamin D and Metabolic Bone Markers (Serum)

Coll Date: 09/10/25
Coll Time: 08:52
Lab Number: 16872736

25-OH Vit D 67 (50-200) nmol/L

Tests to follow: B12/FOL, CCP/RF, UMCS

HANSEN, RENAE
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Phone: 0439339709
Birthdate: 30/11/1984 Sex: F Medicare Number: 3312775919
Your Reference: Lab Reference: 25-16872736-THM-0
Laboratory: 4Cyté Pathology
Addressee: Dr FARHAT HUSSAIN Referred by: Dr FARHAT HUSSAIN

Name of Test: Thyroid
Requested: 08/10/2025 Collected: 09/10/2025 Reported: 10/10/2025
19:05

Clinical Notes:
Pathologist: A/Prof P. Stewart

Thyroid (Serum)

Coll Date:	09/10/25
Coll Time:	08:52
Lab Number:	16872736
TSH	1.19 (0.50-4.00) mIU/L

Euthyroid.

Tests to follow: B12/FOL, CCP/RF, UMCS

HANSEN, RENAE
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Phone: 0439339709
Birthdate: 30/11/1984 Sex: F Medicare Number: 3312775919
Your Reference: Lab Reference: 25-16872736-FEM-0
Laboratory: 4Cyte Pathology
Addressee: Dr FARHAT HUSSAIN Referred by: Dr FARHAT HUSSAIN
Name of Test: Iron Studies
Requested: 08/10/2025 Collected: 09/10/2025 Reported: 10/10/2025
19:11

Clinical Notes:
Pathologist: A/Prof P. Stewart

Iron Studies (Serum)

Coll Date:	28/05/25	09/10/25
Coll Time:	09:25	08:52
Lab Number:	81715442	16872736

Ferritin	9 L	68	(30-200)	ug/L
Iron	17	11	(9-30)	umol/L
Transferrin	3.2	2.0	(2.0-3.6)	g/L
Transferrin Sat.	21	22	(15-50)	%

Haemolysis	-
Icterus	-
Lipaemia	-

Tests to follow: B12/FOL, CCP/RF, UMCS

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Phone: 0439339709
Birthdate: 30/11/1984 Sex: F Medicare Number: 3312775919
Your Reference: Lab Reference: 25-16872736-VBM-0
Laboratory: 4Cyte Pathology
Addressee: Dr FARHAT HUSSAIN Referred by: Dr FARHAT HUSSAIN
Name of Test: B12/Folate/Homocysteine
Requested: 08/10/2025 Collected: 09/10/2025 Reported: 10/10/2025
20:05

Clinical Notes:
Pathologist: A/Prof P. Stewart

B12, Folate, Homocysteine Assessment (Serum)

Coll Date: 09/10/25
Coll Time: 08:52
Lab Number: 16872736

Vitamin B12	259	(160-650)	pmol/L
Homocysteine	15 H	(4-14)	umol/L

Possible B12 deficiency.

B12 results 160-350 are inconclusive and may occur in B12 deficiency. These results are reflexed to Homocysteine which is elevated in B12 and Folate deficiency. A normal homocysteine result is evidence of normal B12 status. We suggest reviewing Folate results in conjunction with inconclusive B12 results. Causes of B12 deficiency include dietary deficiency, pernicious anaemia, other malabsorptive conditions such as Crohns, medications metformin and proton pump inhibitors. If indicated laboratory assessment includes haematological review, intrinsic factor and gastric parietal cell antibodies, coeliac serology. Note homocysteine is also elevated with smoking, renal disease, hypothyroidism, some drugs and a number of rare inherited metabolic disorders.

It is suggested that inconclusive results with elevated homocysteine follow up testing is repeated in 3 months.

Tests to follow: CCP/RF,UMCS

HANSEN, RENAE
3/36 BILLINGTON ST, LABRADOR. 4215
Phone: 0439339709
Birthdate: 30/11/1984 Sex: F Medicare Number: 33127759191
Your Reference: Lab Reference: 25-16872736-UMC-0
Laboratory: 4Cyte Pathology
Addressee: Dr FARHAT HUSSAIN Referred by: Dr FARHAT HUSSAIN

Name of Test: Urine Culture
Requested: 08/10/2025 Collected: 09/10/2025 Reported: 11/10/2025
07:48

Clinical Notes:
Pathologist: Dr A. Jaksic

Urine Culture

Coll Date: 09/10/25
Coll Time: 08:52
Lab Number: 16872736

Microscopy:			
White cells	26	(<10)	10 ⁶ /L
Red cells	< 10	(<10)	10 ⁶ /L
Epithelial	40	(<10)	10 ⁶ /L

Chemistry:		
pH	6.5	(4.0-9.0)
Protein	Neg	
Glucose	Neg	
Ketones	Neg	
Blood(Hb)	Neg	

Organism: No Sig
Growth

Current Request: 16872736
Culture: No significant growth

UTI is not excluded (note pyuria). The presence of epithelial cells suggests specimen contamination. Suggest repeat aseptically collected mid-stream urine.

Tests to follow: CCP/RF

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Phone: 0439339709
Birthdate: 30/11/1984 Sex: F Medicare Number: 33127759191
Your Reference: Lab Reference: 25-16872736-RSM-0
Laboratory: 4Cyte Pathology
Addressee: Dr FARHAT HUSSAIN Referred by: Dr FARHAT HUSSAIN
Name of Test: Rheumatoid Serology
Requested: 08/10/2025 Collected: 09/10/2025 Reported: 12/10/2025
07:26

Clinical Notes:
Pathologist: Prof D. Fulcher

Rheumatoid Serology (Serum)

Coll Date: 09/10/25
Coll Time: 08:52
Lab Number: 16872736

RF	4.4	(< 14.0)	IU/mL
Anti-CCP	1.1	(N<7, P>10)	U/mL

Tests to follow: All Tests now completed