

INVESTIGATION RESULTS

As at 07/06/2024.

Patient Details:

Patient Name: Ms Esther Renee Barndon
Address: 124 Craigie Drive
Craigie 6025
Phone - Home: 0433 615 639
Phone - Work: 0433 065 800
D.O.B.: 14/06/1983
Record Number: BARNDONES
Medicare Number: 6261096113

Allergies: <Reactions>

Investigation Results:

BARNDON, ESTHER
124 CRAIGIE DRIVE, CRAIGIE. 6025
Phone: 0433615639
Birthdate: 14/06/1983 Sex: F Medicare Number: 62610961121
Your Reference: 00418473 Lab Reference: 24-21387509-HAE-0
Laboratory: AUSTRALIAN CLINICAL LABS
Addressee: DR DEPAK NARAN Referred by: DR DEPAK NARAN

Name of Test: HAEMATOLOGY GENERAL
Requested: 08/03/2024 Collected: 23/05/2024 Reported: 23/05/2024 15:29

CLINICAL NOTES: tiredness

HAEMATOLOGY

SPECIMEN: WHOLE BLOOD

Date: 23/05/24 (#Refers to current
Coll. Time: 09:31 result only)
Lab Number: #21387509

HAEMOGLOBIN	120	(115 - 165) g/L
RBC	4.13	(3.80 - 5.50)x10 ¹² /L
HCT	0.38	(0.35 - 0.47)
MCV	91	(80 - 99) fL
MCH	29.1	(27.0 - 34.0)pg
MCHC	318	(310 - 360) g/L
RDW	13.6	(11.0 - 15.0)%
WCC	5.6	(4.0 - 11.0) x10 ⁹ /L
Neutrophils	3.2	(2.0 - 8.0) x10 ⁹ /L
Lymphocytes	1.8	(1.0 - 4.0) x10 ⁹ /L
Monocytes	0.3	(< 1.1) x10 ⁹ /L
Eosinophils	0.2	(< 0.7) x10 ⁹ /L
Basophils	< 0.1	(< 0.3) x10 ⁹ /L
PLATELETS	250	(150 - 450) x10 ⁹ /L
MPV	* 11.4	(7.1 - 11.2) fL

#21387509 : The red cell, white cell and platelet parameters are within normal limits.

TESTS COMPLETED: FBE,
INCOMPLETE TESTS: BFO, IS, ECU, LFT, UMC, CRP, GLS, OHD, TSH,

BARNDON, ESTHER
124 CRAIGIE DRIVE, CRAIGIE. 6025
Phone: 0433615639

Birthdate: 14/06/1983 Sex: F Medicare Number: 62610961121
Your Reference: 00418473 Lab Reference: 24-21387509-CRP-0
Laboratory: AUSTRALIAN CLINICAL LABS
Addressee: DR DEPAK NARAN Referred by: DR DEPAK NARAN

Name of Test: C-REACTIVE PROTEIN
Requested: 08/03/2024 Collected: 23/05/2024 Reported: 23/05/2024 16:26

CLINICAL NOTES: tiredness

BIOCHEMISTRY

C REACTIVE PROTEIN (CRP) SPECIMEN: SERUM

Date	Time	Lab No.	CRP	Units	Ref. Range
23/05/24	09:31	21387509	< 0.7	mg/L	(< 3.0)

In the setting of infection, CRP levels >100 mg/L are supportive of bacterial rather than viral aetiology.

Note results from this CRP assay should not be used for cardiac risk assessment. Please request the high sensitivity assay (hsCRP) instead.

TESTS COMPLETED: FBE, ECU, LFT, CRP,
INCOMPLETE TESTS: AVB, BFO, IS, UMC, GLS, OH, TSH,

BARNDON, ESTHER
124 CRAIGIE DRIVE, CRAIGIE. 6025
Phone: 0433615639
Birthdate: 14/06/1983 Sex: F Medicare Number: 62610961121
Your Reference: 00418473 Lab Reference: 24-21387509-MBI-0
Laboratory: AUSTRALIAN CLINICAL LABS
Addressee: DR DEPAK NARAN Referred by: DR DEPAK NARAN

Name of Test: MULTIPLE BIOCHEM ANALYSIS
Requested: 08/03/2024 Collected: 23/05/2024 Reported: 23/05/2024 16:29

CLINICAL NOTES: tiredness

GENERAL CHEMISTRY SPECIMEN: SERUM

Date:	23/05/24		
Coll. Time:	09:31		
Lab Number:	21387509		

Sodium	140	(135 - 145)	mmol/L
Potassium	4.4	(3.5 - 5.2)	mmol/L
Chloride	106	(95 - 110)	mmol/L
Bicarbonate	28	(22 - 32)	mmol/L
Anion Gap	10	(9 - 19)	mmol/L
Urea	5.6	(3.0 - 7.0)	mmol/L
Creatinine	65	(45 - 90)	umol/L
eGFR	> 90	(> 59) mL/min/1.73m2	
T.Protein	68	(60 - 80)	g/L
Albumin	42	(35 - 50)	g/L
Globulin	26	(23 - 39)	g/L
ALP	63	(30 - 110)	U/L
Bilirubin	12	(3 - 20)	umol/L
GGT	11	(5 - 35)	U/L
AST	18	(5 - 30)	U/L
ALT	13	(5 - 35)	U/L

21387509 Electrolytes, liver and renal function within normal limits.

TESTS COMPLETED: FBE, IS, ECU, LFT, CRP, GLS, OHD,
INCOMPLETE TESTS: AVB, BFO, UMC, TSH,

BARNDON, ESTHER
124 CRAIGIE DRIVE, CRAIGIE. 6025
Phone: 0433615639
Birthdate: 14/06/1983 Sex: F Medicare Number: 62610961121
Your Reference: 00418473 Lab Reference: 24-21387509-ISM-0
Laboratory: AUSTRALIAN CLINICAL LABS
Addressee: DR DEPAK NARAN Referred by: DR DEPAK NARAN

Name of Test: IRON MASTER
Requested: 08/03/2024 Collected: 23/05/2024 Reported: 23/05/2024 16:29

CLINICAL NOTES: tiredness

BIOCHEMISTRY

IRON STUDIES

SPECIMEN: SERUM

Date: 23/05/24
Coll. Time: 09:31
Lab Number: 21387509

Iron	21.2	(10.0 - 30.0) umol/L
Transferrin	2.34	(2.10 - 3.80) g/L
Saturation	36	(15 - 45) %
Ferritin	72	(30 - 200) ug/L

21387509 Iron studies are within normal limits.

TESTS COMPLETED: FBE, IS, ECU, LFT, CRP, GLS, OHD,
INCOMPLETE TESTS: AVB, BFO, UMC, TSH,

BARNDON, ESTHER
124 CRAIGIE DRIVE, CRAIGIE. 6025
Phone: 0433615639
Birthdate: 14/06/1983 Sex: F Medicare Number: 62610961121
Your Reference: 00418473 Lab Reference: 24-21387509-GLS-0
Laboratory: AUSTRALIAN CLINICAL LABS
Addressee: DR DEPAK NARAN Referred by: DR DEPAK NARAN

Name of Test: GLUCOSE
Requested: 08/03/2024 Collected: 23/05/2024 Reported: 23/05/2024 16:30

CLINICAL NOTES: tiredness

BIOCHEMISTRY

GLUCOSE

Date	Time	Lab#	Collection Type	Specimen	Glucose (mmol/L)
23/05/24	09:31	21387509	Fasting	serum	5.1

21387509 Normal fasting glucose.

Glucose Reference Ranges

Random 3.0 - 6.9 mmol/L
Fasting 3.0 - 5.4 mmol/L
1 Hour post prandial 3.0 - 11.0 mmol/L
2 Hour post prandial 3.0 - 7.7 mmol/L
Specimen Legend:
Fl-ox = Fluoride oxalate, serum = Serum, np = Non-Preserved

TESTS COMPLETED: FBE, IS, ECU, LFT, CRP, GLS, OHD,
INCOMPLETE TESTS: AVB, BFO, UMC, TSH,

BARNDON, ESTHER
124 CRAIGIE DRIVE, CRAIGIE. 6025
Phone: 0433615639
Birthdate: 14/06/1983 Sex: F Medicare Number: 62610961121
Your Reference: 00418473 Lab Reference: 24-21387509-OHD-0
Laboratory: AUSTRALIAN CLINICAL LABS
Addressee: DR DEPAK NARAN Referred by: DR DEPAK NARAN

Name of Test: VITAMIN D
Requested: 08/03/2024 Collected: 23/05/2024 Reported: 23/05/2024 16:30

CLINICAL NOTES: tiredness

BIOCHEMISTRY

VITAMIN D

SPECIMEN: SERUM

Date	Time	Lab No.	25-hydroxy Vitamin D		
23/05/24	09:31	21387509	74	(50 - 200)	nmol/L

21387509 Vitamin D is within normal limits.

Interpretation:

Vitamin D deficiency <50 nmol/L
Severe deficiency <20 nmol/L

COMMENT: Vitamin D sufficiency is defined as greater than or equal to 50 nmol/L at the end of winter (level may need to be 10-20 nmol/L higher at the end of summer).

Reference: Position Statement. Vitamin D and Health in Adults in Australia and New Zealand. MJA,196(11): 686-687, 2012.

TESTS COMPLETED: FBE, IS, ECU, LFT, CRP, GLS, OHD,
INCOMPLETE TESTS: AVB, BFO, UMC, TSH,

BARNDON, ESTHER
124 CRAIGIE DRIVE, CRAIGIE. 6025
Phone: 0433615639
Birthdate: 14/06/1983 Sex: F Medicare Number: 62610961121
Your Reference: 00418473 Lab Reference: 24-21387509-TSH-0
Laboratory: AUSTRALIAN CLINICAL LABS
Addressee: DR DEPAK NARAN Referred by: DR DEPAK NARAN

Name of Test: THYROID STIMULATING HORM
Requested: 08/03/2024 Collected: 23/05/2024 Reported: 23/05/2024 16:39

CLINICAL NOTES: tiredness

ENDOCRINOLOGY

THYROID FUNCTION TEST**SPECIMEN: SERUM**

Date: 23/05/24 23/05/24
Coll. Time: 09:31 09:31
Lab Number: 21387509 21387508

Free T4		pending		pmol/L
TSH	0.94	0.94	(0.40 - 4.00)	mIU/L
Free T3		pending		pmol/L

21387509 Normal TSH level.

Validated by Dr. W. Jenner

TESTS COMPLETED: FBE, IS, ECU, LFT, CRP, GLS, OHD, TSH,
INCOMPLETE TESTS: AVB, BFO, UMC,

BARNDON, ESTHER
124 CRAIGIE DRIVE, CRAIGIE. 6025
Phone: 0433615639
Birthdate: 14/06/1983 **Sex:** F **Medicare Number:** 62610961121
Your Reference: 00418473 **Lab Reference:** 24-21387509-BFM-0
Laboratory: AUSTRALIAN CLINICAL LABS
Addressee: DR DEPAK NARAN **Referred by:** DR DEPAK NARAN

Name of Test: B12, FOLATE (SERUM/RBC)
Requested: 08/03/2024 **Collected:** 23/05/2024 **Reported:** 23/05/2024 17:18

CLINICAL NOTES: tiredness

BIOCHEMISTRY**VITAMIN B12 AND FOLATE****SPECIMEN: SERUM/BLOOD**

Date: 23/05/24
Time: 09:31
Lab Number: 21387509

Vitamin B12	338		pmol/L
Active B12	88	(> 30)	pmol/L
Folate	23.9		nmol/L

21387509 Normal B12 and folate results.

RANGES	B12	Serum Folate
Normal	> 180	> 10.0
Equivocal	150 - 180	5.0 - 10.0
Deficient	< 150	< 5.0

TESTS COMPLETED: AVB, BFO, FBE, IS, ECU, LFT, CRP, GLS, OHD, TSH,
INCOMPLETE TESTS: UMC,

BARNDON, ESTHER
124 CRAIGIE DRIVE, CRAIGIE. 6025
Phone: 0433615639
Birthdate: 14/06/1983 **Sex:** F **Medicare Number:** 62610961121
Your Reference: 00418473 **Lab Reference:** 24-21387509-UMC-0
Laboratory: AUSTRALIAN CLINICAL LABS
Addressee: DR DEPAK NARAN **Referred by:** DR DEPAK NARAN

Name of Test: URINE MICRO/CULTURE

Requested: 08/03/2024

Collected: 23/05/2024

Reported: 23/05/2024

19:44

CLINICAL NOTES: tiredness

MICROBIOLOGY

SPECIMEN: Mid Stream Urine

CHEMISTRY

pH: 6.5 Protein: Nil Glucose: Nil Blood: Nil

MICROSCOPY

Leucocytes	< 10	x 10 ⁶ /L	(< 10)
Erythrocytes	< 10	x 10 ⁶ /L	(< 10)
Epithelial Cells	+++		

COMMENT

In the absence/low number of leucocytes the likelihood of a urinary tract infection is low. Culture has been performed. A further report will be issued if there is significant growth within the next 48 hours.

Urinary cast microscopy is no longer performed as part of a routine urine analysis. If required, please provide a fresh specimen and request investigation for casts as part of the analysis.

TESTS COMPLETED: AVB, BFO, FBE, IS, ECU, LFT, UMC, CRP, GLS, OHD, TSH,