

Date Requested: 6/02/2025
Date Collected: 6/02/2025

Sex at Birth: F
IHI No.:
Provider: QML Pathology
Referred by: CORY,DR. SUSAN ELIZABETH

Date Performed: 6/02/2025
Complete: Final

Specimen:
Subject(Test Name): ZINC,SERUM
Clinical Information:

Serum Zinc	21 umol/L	(10-25)
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Tests Completed:IRON STUDIES, SERUM FOLATE, SERUM VITAMIN B12, SE U/C/ELECTS, SE LFT
Tests Completed:SE ZINC, SE VIT D, SE HOMOCYSTEINE, SE C-REACTIVE PROTEIN, SE COPPER
Tests Pending :SE VIT C, VITAMIN B1, MTHFR GENOTYPE

Patient Name: RICHARDS, TAHNEE TAHNEE
Patient Address: 54 BLUEBELL RD, TINANA 4650
D.O.B: 18/01/1985
Medicare No.: 42645431571
Lab. Reference: 25-66510871-URC-0
Addressee: DR SUE E CORY

Sex at Birth: F
IHI No.:
Provider: QML Pathology
Referred by: CORY,DR. SUSAN ELIZABETH

Date Requested: 6/02/2025
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Complete: Final

Specimen:
Subject(Test Name): URINE MICRO / CULTURE
Clinical Information:

EXAMINATION OF URINE

Collection: Mid stream urine
Protein: Negative
Glucose: Negative
Ketones: Negative

PHASE CONTRAST MICROSCOPY

Leucocytes: < 10 x10 ^6 /L (N.R. <10)
Erythrocytes: < 10 x10 ^6 /L (N.R. <10)
Epithelial: < 10 x10 ^6 /L

A urine specimen with these results is usually not infected.
Although culture has been performed a further report will only be
issued if the culture is positive.

Tests Completed: URINE MCS
Tests Pending :

Patient Name: RICHARDS, TAHNEE TAHNEE
Patient Address: 54 BLUEBELL RD, TINANA 4650
D.O.B: 18/01/1985
Medicare No.: 42645431571
Lab. Reference: 25-96256113-VD-0
Addressee: DR SUE E CORY

Sex at Birth: F
IHI No.:
Provider: QML Pathology
Referred by: CORY,DR. SUSAN ELIZABETH

Date Requested: 6/02/2025
Date Collected: 6/02/2025

Date Performed: 6/02/2025
Complete: Final

Specimen:
Subject(Test Name): VITAMIN D,SERUM
Clinical Information:

CUMULATIVE SERUM VITAMIN D				
Date	21/03/24	11/04/24	29/11/24	06/02/25
Time	09:32	07:52	08:00	12:40
Lab No	75424888	74782360	66483074	96256113
Vitamin D3	112	111	137	134 nmol/L (> 49)

96256113

** Progress report.

Tests Completed:IRON STUDIES, SERUM FOLATE, SERUM VITAMIN B12, SE U/C/ELECTS, SE LFT
Tests Completed:SE VIT D, SE HOMOCYSTEINE, SE C-REACTIVE PROTEIN, SE COPPER
Tests Pending :SE ZINC, SE VIT C, VITAMIN B1, MTHFR GENOTYPE

Patient Name: RICHARDS, TAHNEE TAHNEE
Patient Address: 54 BLUEBELL RD, TINANA 4650
D.O.B: 18/01/1985
Medicare No.: 42645431571
Lab. Reference: 25-96256113-HOM-0
Addressee: DR SUE E CORY

Sex at Birth: F
IHI No.:
Provider: QML Pathology
Referred by: CORY,DR. SUSAN ELIZABETH

Date Requested: 6/02/2025
Date Collected: 6/02/2025

Date Performed: 6/02/2025
Complete: Final

Specimen:
Subject(Test Name): HOMOCYSTEINE,SERUM
Clinical Information:

CUMULATIVE SERUM HOMOCYSTEINE

Date	29/11/24	06/02/25
Time	08:00	12:40
Lab No	66483074	96256113
Homocysteine	14.9	11.6 umol/L (0.0-15.0)

96256113

** Progress report.

Homocysteine Related Risk

Plasma level (umol/L)	Risk Average
Below 9.0	No increase
9.0 - 14.9	x 2
15.0 - 19.9	x 3
20.0 or greater	x 4.5

Risks approximated from New Eng J Med 1997 (337:230-236)

Tests Completed:IRON STUDIES, SERUM FOLATE, SERUM VITAMIN B12, SE U/C/ELECTS, SE LFT
Tests Completed:SE HOMOCYSTEINE, SE C-REACTIVE PROTEIN, SE COPPER
Tests Pending :SE ZINC, SE VIT C, VITAMIN B1, SE VIT D, MTHFR GENOTYPE

Patient Name: RICHARDS, TAHNEE TAHNEE
Patient Address: 54 BLUEBELL RD, TINANA 4650
D.O.B: 18/01/1985
Medicare No.: 42645431571
Lab. Reference: 25-96256113-25T-0
Addressee: DR SUE E CORY

Sex at Birth: F
IHI No.:
Provider: QML Pathology
Referred by: CORY,DR. SUSAN ELIZABETH

Date Requested: 6/02/2025
Date Collected: 6/02/2025

Date Performed: 6/02/2025
Complete: Final

Specimen:
Subject(Test Name): E/LFT (MASTER)
Clinical Information:

CUMULATIVE SERUM BIOCHEMISTRY					
Date	28/11/23	21/03/24	11/04/24	29/11/24	06/02/25
Time	12:11	09:32	07:52	08:00	12:40
Lab No	73703045	75424888	74782360	66483074	96256113
	RANDOM		RANDOM		
Sodium	139	136		139	140 mmol/L (137-147)
Potass.	4.2	4.2		5.5	4.1 mmol/L (3.5-5.0)
Chloride	103	102		107	105 mmol/L (96-109)
Bicarb	21	25		21	26 mmol/L (25-33)
An.Gap	19	13		17	13 mmol/L (4-17)
Gluc		4.0		3.9	mmol/L
Urea	5.0	4.1		7.4	5.2 mmol/L (2.0-7.0)
Creat	65	51		59	65 umol/L (40-110)
eGFR	> 90	> 90		> 90	> 90 mL/min (over 59)
Urate		0.16	0.18	0.29	mmol/L
T.Bili	11	9		8	13 umol/L (2-20)
Alk.P	65	63		114	94 U/L (30-115)
GGT	12	14		11	9 U/L (0-45)
ALT	11	52		35	26 U/L (0-45)
AST	13	17		50	24 U/L (0-41)
LD	170	150		512	144 U/L (80-250)
Calcium		2.39		2.45	mmol/L
Corr.Ca		2.38		2.38	mmol/L
Phos		1.2		1.5	mmol/L
T.Prot	78	68		73	74 g/L (60-82)
Alb	50	43		45	47 g/L (35-50)
Glob	28	25		28	27 g/L (20-40)
Chol		4.4		5.5	mmol/L
Trig		1.0		0.5	mmol/L
Lab No	73703045	75424888	74782360	66483074	96256113
Date	28/11/23	21/03/24	11/04/24	29/11/24	06/02/25

Tests Completed:IRON STUDIES, SERUM FOLATE, SERUM VITAMIN B12, SE U/C/ELECTS, SE LFT
Tests Completed:SE C-REACTIVE PROTEIN, SE COPPER
Tests Pending :SE ZINC, SE VIT C, VITAMIN B1, SE VIT D, SE HOMOCYSTEINE
Tests Pending :MTHFR GENOTYPE

Patient Name: RICHARDS, TAHNEE TAHNEE
Patient Address: 54 BLUEBELL RD, TINANA 4650
D.O.B: 18/01/1985
Medicare No.: 42645431571
Lab. Reference: 25-96256113-ISM-0
Addressee: DR SUE E CORY

Sex at Birth: F
IHI No.:
Provider: QML Pathology
Referred by: CORY,DR. SUSAN ELIZABETH

Date Requested: 6/02/2025
Date Collected: 6/02/2025

Date Performed: 6/02/2025
Complete: Final

Specimen:
Subject(Test Name): MASTER IRON STUDIES
Clinical Information:

CUMULATIVE IRON STUDIES
Date 21/03/24 11/04/24 28/10/24 29/11/24 06/02/25
Time 09:32 07:52 00:00 08:00 12:40
Lab No 75424888 74782360 58302739 66483074 96256113

Iron	8	8	4	10	9	umol/L	(10-33)
TIBC	55	64	86	59	59	umol/L	(45-70)
Saturati	15	13	5	17	15	%	(16-50)
Ferritin	23	18	11	17	20	ug/L	(25-290)

96256113 Comment:
Progress iron deficiency

Tests Completed:IRON STUDIES, SERUM FOLATE, SERUM VITAMIN B12, SE U/C/ELECTS, SE LFT
Tests Completed:SE C-REACTIVE PROTEIN, SE COPPER
Tests Pending :SE ZINC, SE VIT C, VITAMIN B1, SE VIT D, SE HOMOCYSTEINE
Tests Pending :MTHFR GENOTYPE

Patient Name: RICHARDS, TAHNEE TAHNEE
Patient Address: 54 BLUEBELL RD, TINANA 4650
D.O.B: 18/01/1985
Medicare No.: 42645431571
Lab. Reference: 25-96256113-CU-0
Addressee: DR SUE E CORY

Sex at Birth: F
IHI No.:
Provider: QML Pathology
Referred by: CORY,DR. SUSAN ELIZABETH

Date Requested: 6/02/2025
Date Collected: 6/02/2025

Date Performed: 6/02/2025
Complete: Final

Specimen:
Subject(Test Name): COPPER,SERUM
Clinical Information:

Serum Copper

16 umol/L

(10-45)

Tests Completed:IRON STUDIES, SERUM FOLATE, SERUM VITAMIN B12, SE U/C/ELECTS, SE LFT
Tests Completed:SE C-REACTIVE PROTEIN, SE COPPER
Tests Pending :SE ZINC, SE VIT C, VITAMIN B1, SE VIT D, SE HOMOCYSTEINE
Tests Pending :MTHFR GENOTYPE

Patient Name: RICHARDS, TAHNEE TAHNEE
Patient Address: 54 BLUEBELL RD, TINANA 4650
D.O.B: 18/01/1985
Medicare No.: 42645431571
Lab. Reference: 25-96256113-CRP-0
Addressee: DR SUE E CORY

Sex at Birth: F
IHI No.:
Provider: QML Pathology
Referred by: CORY, DR. SUSAN ELIZABETH

Date Requested: 6/02/2025
Date Collected: 6/02/2025

Date Performed: 6/02/2025
Complete: Final

Specimen:
Subject(Test Name): C REACTIVE PROTEIN
Clinical Information:

CUMULATIVE SERUM COMPLEMENT AND C-REACTIVE PROTEIN (CRP)

Date 06/02/25
Time 12:40
Lab No 96256113

CRP < 5 mg/L(0-6)

C-reactive protein (CRP) is a non-specific indicator of tissue damage. The level rises rapidly (within 6-10 hours) after tissue injury, peaks at 48-72 hours and returns to normal within a few days. Common causes of markedly increased CRP include infection (particularly bacterial), trauma, surgery, myocardial infarction, many malignancies and inflammatory disorders.

Tests Completed: IRON STUDIES, SERUM FOLATE, SERUM VITAMIN B12, SE U/C/ELECTS, SE LFT
Tests Completed: SE C-REACTIVE PROTEIN, SE COPPER
Tests Pending : SE ZINC, SE VIT C, VITAMIN B1, SE VIT D, SE HOMOCYSTEINE
Tests Pending : MTHFR GENOTYPE

Patient Name: RICHARDS, TAHNEE TAHNEE
Patient Address: 54 BLUEBELL RD, TINANA 4650
D.O.B: 18/01/1985
Medicare No.: 42645431571
Lab. Reference: 25-96256113-BFM-0
Addressee: DR SUE E CORY

Sex at Birth: F
IHI No.:
Provider: QML Pathology
Referred by: CORY, DR. SUSAN ELIZABETH

Date Requested: 6/02/2025
Date Collected: 6/02/2025

Date Performed: 6/02/2025
Complete: Final

Specimen:
Subject(Test Name): MASTER VITAMIN B12 FOLATE
Clinical Information:

CUMULATIVE VITAMIN B12 AND FOLATE ASSAYS

Date	21/03/24	11/04/24	29/11/24	06/02/25
Time	09:32	07:52	08:00	12:40
Lab No	75424888	74782360	66483074	96256113

B12 Total	363	351	817	568	pmol/L	(162-811)
S.Fol.	> 54.0		> 54.0	> 54.0	nmol/L	(8.4-55.0)

Comment:
96256113

Serum Folate Assay:
Adequate Serum Folate.
In the absence of recent oral intake, a serum folate >13 nmol/L effectively rules out folate deficiency. Consider repeat fasting Folate, if there has been inadequate fasting, and clinical concern remains.

Serum Vitamin B12 Assay:
Essentially normal B12 levels, although liver disease if present may falsely elevate the level.

Methodology:
B12 and Active B12 (HoloTC) assays performed on Siemens Atellica analyser.

For Doctor clinical enquiries, please contact Dr Peter Davidson 07 3121 4444.
Patients should contact their referring doctor in regard to this result.

Tests Completed: SERUM FOLATE, SERUM VITAMIN B12
Tests Pending : IRON STUDIES, SE U/C/ELECTS, SE LFT, SE ZINC, SE VIT C, VITAMIN B1
Tests Pending : SE VIT D, SE HOMOCYSTEINE, SE C-REACTIVE PROTEIN, MTHFR GENOTYPE
Tests Pending : SE COPPER