

BILLINGS, ROSELAINÉ
 582 UPPER BURRINGBAR RD, UPPER BURRINGBAR. 2483
Phone: 0478931970
Birthdate: 25/03/2000 **Sex:** F **Medicare Number:** 4276317357
Your Reference: **Lab Reference:** 672803584-H-H900
Laboratory: SNP
Addressee: DR SHIMAA AREF **Referred by:** DR SHIMAA AREF
Copy to:

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Name of Test: .BLOOD COUNT
Requested: 26/04/2023 **Collected:** 26/04/2023 **Reported:** 27/04/2023 09:02

Haematology

	Latest Results			Reference	Units
	03-Feb-16	22-Oct-20	26-Apr-23		
Date	Unkn	1343	1311		
Time					
Lab Id.	618394073	655230647	672803584		
Haemoglobin	144	134	136	(115-165)	g/L
Haematocrit	0.43	0.40	0.41	(0.35-0.47)	
RCC	4.5	4.1	4.3	(3.9-5.6)	10*12/L
MCV	94	97	95	(80-100)	fL
WCC	6.0	6.5	7.1	(3.5-12.0)	10*9/L
Neutrophils	2.83	2.78	4.08	(1.5-8.0)	10*9/L
Lymphocytes	2.40	3.08	2.36	(1.0-4.0)	10*9/L
Monocytes	0.38	0.46	0.46	(0-0.9)	10*9/L
Eosinophils	0.33	0.18	0.15	(0-0.6)	10*9/L
Basophils	0.04	0.04	0.04	(0-0.15)	10*9/L
Platelets	202	206	209	(150-400)	10*9/L

HA

Sullivan Nicolaidēs Pty Ltd. ABN 38 078 202 196. NATA/RCPA Accreditation No 1964

Tests Completed: FBE

Tests Pending : EUCG,Iron Studies,Liver Function Tests,TFTH,
 Vitamin B12,Folate (Serum),Vitamin D

Sample Pending :

BILLINGS, ROSELAIN
 582 UPPER BURRINGBAR RD, UPPER BURRINGBAR. 2483
Phone: 0478931970
Birthdate: 25/03/2000 **Sex:** F **Medicare Number:** 4276317357
Your Reference: **Lab Reference:** 672803584-C-C140
Laboratory: SNP
Addressee: DR SHIMAA AREF **Referred by:** DR SHIMAA AREF
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Name of Test: S-ROUTINE CHEMISTRY
Requested: 26/04/2023 **Collected:** 26/04/2023 **Reported:** 27/04/2023 10:02

Chemistry (serum)

Date Time Lab Id.	Latest Results			Reference	Units
	03-Feb-16	22-Oct-20	26-Apr-23		
	Unkn	1343	1311		
	618394073	655230647	672803584		
Sodium	142	138	143	(135-145)	mmol/L
Potassium	4.7	4.5	4.1	(3.5-5.5)	mmol/L
Chloride	105	104	107	(95-110)	mmol/L
Bicarbonate	25	29	26	(20-32)	mmol/L
Anion Gap	12	5	10	(<16)	mmol/L
Calcium (Corr.)	2.37	2.39		(2.10-2.60)	mmol/L
Phosphate	1.3	1.16		(0.80-1.50)	mmol/L
Urea	3.2	2.9	3.6	(2.5-6.5)	mmol/L
Urate	0.31	0.326		(0.150-0.400)	mmol/L
Creatinine	68	72	69	(45-85)	umol/L
eGFR		>90	>90	(>59)	
Random Glucose	4.0	5.4	4.1	(3.6-7.7)	mmol/L
Total Protein	69	71	70	(64-81)	g/L
Albumin	45	44	42	(33-46)	g/L
Globulin	24	27	28	(23-43)	g/L
T Bilirubin	11	13	10	(<16)	umol/L
ALP	91	64	57	(20-105)	U/L
AST	13	18	23	(10-35)	U/L
ALT	9	10	21	(5-30)	U/L
GGT	14	14	15	(5-35)	U/L
LDH	182	179		(120-250)	U/L
Cholesterol	3.5 L	3.3		(<5.6)	mmol/L
Haemolysis Index	14	4	4	(<40)	mg/dL

CA

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Tests Completed: EUCG,Liver Function Tests,FBE

Tests Pending : Iron Studies,TFTH,Vitamin B12,Folate (Serum),Vitamin D

Sample Pending :

BILLINGS, ROSELAINÉ
 582 UPPER BURRINGBAR RD, UPPER BURRINGBAR. 2483
Phone: 0478931970
Birthdate: 25/03/2000 **Sex:** F **Medicare Number:** 4276317357
Your Reference: **Lab Reference:** 672803584-E-E030
Laboratory: SNP
Addressee: DR SHIMAA AREF **Referred by:** DR SHIMAA AREF
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Name of Test: S- THYROID FUNCTION
Requested: 26/04/2023 **Collected:** 26/04/2023 **Reported:** 27/04/2023 11:02

Thyroid Function Tests

	Latest Results			
	Date	Time	Lab Id.	
	03-Feb-16	Unkn	618394073	
	26-Apr-23	1311	672803584	Reference Units
Free T4	14.0	14.2		(9.0-19.0) pmol/L
TSH	1.3	0.9		(0.3-3.5) mIU/L

Comments on Collection 26-Apr-23 1311:
 Euthyroid

EA

Sullivan Nicolaides Pty Ltd. ABN 38 078 202 196. NATA/RCPA Accreditation No 1964

Tests Completed: EUCG,Iron Studies,Liver Function Tests,TFTH,
 Vitamin B12,Folate (Serum),Vitamin D,FBE
 Tests Pending : Active B12
 Sample Pending :

BILLINGS, ROSELAINIE
 582 UPPER BURRINGBAR RD, UPPER BURRINGBAR. 2483
Phone: 0478931970
Birthdate: 25/03/2000 **Sex:** F **Medicare Number:** 4276317357
Your Reference: **Lab Reference:** 672803584-E-E405
Laboratory: SNP
Addressee: DR SHIMAA AREF **Referred by:** DR SHIMAA AREF
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Name of Test: S-VITAMIN D
Requested: 26/04/2023 **Collected:** 26/04/2023 **Reported:** 27/04/2023 11:02

	Latest Results				
Date	03-Feb-16	22-Oct-20	26-Apr-23		
Time	Unkn	1343	1311		
Lab Id.	618394073	655230647	672803584	Reference	Units
Hydroxycalciferol	49 L	101	99	(50-150)	nmol/L

Comments on Collection 26-Apr-23 1311:

According to the Position Statement 'Vitamin D and health in adults in Australia and New Zealand' MJA, 196(11):1-7, 2012, vitamin D status is defined as:

Vitamin D adequacy: >49 nmol/L at the end of winter
 (levels may need to be 10-20 nmol/L higher at the end
 of summer, to allow for seasonal decrease.)
 Mild vitamin D deficiency: 30-49 nmol/L
 Moderate vitamin deficiency: 12.5-29 nmol/L
 Severe vitamin D deficiency: < 12.5 nmol/L

EA

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Tests Completed: EUCG,Iron Studies,Liver Function Tests,TFTH,
 Vitamin B12,Folate (Serum),Vitamin D,FBE
 Tests Pending : Active B12
 Sample Pending :

BILLINGS, ROSELAINÉ
 582 UPPER BURRINGBAR RD, UPPER BURRINGBAR. 2483
Phone: 0478931970
Birthdate: 25/03/2000 **Sex:** F **Medicare Number:** 4276317357
Your Reference: **Lab Reference:** 672803584-C-H245
Laboratory: SNP
Addressee: DR SHIMAA AREF **Referred by:** DR SHIMAA AREF
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Name of Test: .ANAEMIA
Requested: 26/04/2023 **Collected:** 26/04/2023 **Reported:** 27/04/2023 12:02

Haematinics

Date	03-Feb-16	22-Oct-20	Latest Results		
Time	Unkn	1343	1311		
Lab Id.	618394073	655230647	672803584	Reference	Units
Iron	29		27	(5-30)	umol/L
Transferrin	2.3		2.2	(1.9-3.1)	g/L
TIBC	58		56	(47-77)	umol/L
Trans Sat	50 H		48 H	(20-45)	%
Ferritin	27 L		32	(30-250)	ug/L
Vitamin B12	161	266	291	(>150)	pmol/L
Active B12	32 L	72	93	(>35)	pmol/L
Folate serum	20		13	(>7.0)	nmol/L

Comments on Collection 26-Apr-23 1311:

Iron Studies

High transferrin saturation in the presence of normal ferritin raises the possibility of early or treated haemochromatosis or recent iron ingestion.

Recommend genetic testing for haemochromatosis on this patient, if not already performed. Under Medicare rules, genetic testing is rebatable for this patient. Medicare allows the patient to have HFE testing where saturation is >45% OR where ferritin has been elevated on two occasions OR they have a first degree relative with haemochromatosis.

All patients with low or equivocal vitamin B12 results (380 pmol/L or less) will be routinely tested for holo-transcobalamin (active B12) to clarify the B12 status.

Both tests are now Medicare rebateable. Vitamin B12 concentrations over 380 pmol/L are generally considered replete.

Active B12 (holotranscobalamin) is the biologically active fraction of total serum B12, and should be a superior indicator of B12 status.

Holotranscobalamin level indicates Vitamin B12 deficiency unlikely.

Up to 15% of patients will have a deficiency of carrier protein (haptocorrin) that does not appear to result in a clinically recognisable Vitamin B12 deficiency despite low total Vitamin B12 levels.

EA

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Tests Completed: EU CG, Iron Studies, Liver Function Tests, TFTH,
 Vitamin B12, Folate (Serum), Active B12, Vitamin D, FBE

Tests Pending :

Sample Pending :