

SUMICH, MCKENZIE
 12/2 CRYSTALLINE ROAD, SPEARWOOD. 6163
Phone: 0433043077
Birthdate: 19/07/1996 **Sex:** F **Medicare Number:** 6263074642
Your Reference: C181DA7EC4 **Lab Reference:** 494918167-C-SE- Liver
 Function
Laboratory: Clinipath Pathology
Addressee: DR ROSE ANTHONY **Referred by:** DR ROSE ANTHONY
Copy to:
 EC UNKNOWN

Name of Test: SE- Liver Function
Requested: 02/04/2024 **Collected:** 03/04/2024 **Reported:** 03/04/2024
 17:10

Clinical notes: fatigue, acne

Clinical Notes : fatigue, acne

Liver Function

Date	28/06/19	17/06/21	23/11/21	03/04/24
Time F-Fast	0807 F	0812 F	0802 F	0804 F
Lab No.	427798835	433231374	434706646	494918167 Units

Reference

	28/06/19	17/06/21	23/11/21	03/04/24		
AST	21	24	23	27	U/L	(10-35)
ALT	19	23	14	21	U/L	(5-30)
ALP	36	55	48	40	U/L	(30-110)
GGT	14	14	10	11	U/L	(5-35)
Total Bilirubin	10	14	10	12	umol/L	(3-15)
Protein	70	68	70	71	g/L	(64-81)
Albumin	38	42	42	43	g/L	(35-46)
Globulin	32	26	28	28	g/L	(23-39)

CA

Tests Completed: LFT, Renal Function, Electrolytes, Glucose Fasting
 Tests Pending : Iron Studies, Vitamin B12, Folate Serum, LH, FSH,
 Oestradiol, Progesterone, Testosterone, DHEAS, SHBG,
 VITAMIN D 25 OH, FBC
 Sample Pending :

SUMICH, MCKENZIE
 12/2 CRYSTALLINE ROAD, SPEARWOOD. 6163
Phone: 0433043077
Birthdate: 19/07/1996 **Sex:** F **Medicare Number:** 6263074642
Your Reference: C181DA7EC4 **Lab Reference:** 494918167-C-SE- Renal
 function
Laboratory: Clinipath Pathology
Addressee: DR ROSE ANTHONY **Referred by:** DR ROSE ANTHONY
Copy to:
 EC UNKNOWN

Name of Test: SE- Renal function
Requested: 02/04/2024 **Collected:** 03/04/2024 **Reported:** 03/04/2024
 17:10

Clinical notes: fatigue, acne

Clinical Notes : fatigue, acne

Renal Function

Date	28/06/19	17/06/21	23/11/21	03/04/24	
Time F-Fast	0807 F	0812 F	0802 F	0804 F	
Lab No.	427798835	433231374	434706646	494918167	Units
Reference					
Urea (2.5-6.5)	4.5	4.7	4.0	5.2	mmol/L
Creatinine	80	67	62	70	umol/L (45-85)
eGFR	>90	>90	>90	>90	(>59)
Sodium (135-145)	140	137	139	140	mmol/L
Potassium (3.5-5.5)	4.8	4.9	4.1	4.5	mmol/L
Chloride	103	104	106	105	mmol/L (95-110)
Bicarbonate	25	26	26	25	mmol/L (20-32)

Renal Function eGFR calculated using CKD EPI from 21-05-13.

Comments on Collection 03/04/24 0804 F:

Renal Function

Note: eGFR units are mL/min/1.73m2.

CA

Tests Completed: LFT, Renal Function, Electrolytes, Glucose Fasting

Tests Pending : Iron Studies, Vitamin B12, Folate Serum, LH, FSH,
Oestradiol, Progesterone, Testosterone, DHEAS, SHBG,
VITAMIN D 25 OH, FBC

Sample Pending :

SUMICH, MCKENZIE
12/2 CRYSTALLINE ROAD, SPEARWOOD. 6163
Phone: 0433043077
Birthdate: 19/07/1996 **Sex:** F **Medicare Number:** 6263074642
Your Reference: C181DA7EC4 **Lab Reference:**
494918167-C-SE-Glucose/C-Peptide
Laboratory: Clinipath Pathology
Addressee: DR ROSE ANTHONY **Referred by:** DR ROSE ANTHONY
Copy to:
EC UNKNOWN

Name of Test: SE-Glucose/C-Peptide
Requested: 02/04/2024 **Collected:** 03/04/2024 **Reported:** 03/04/2024
17:10

Clinical notes: fatigue, acne

Clinical Notes : fatigue, acne

Glucose/C-Peptide

Date	28/06/19	17/06/21	23/11/21	03/04/24
Time F-Fast	0807 F	0812 F	0802 F	0804 F
Lab No.	427798835	433231374	434706646	494918167
Units				
Reference				

Glucose Fasting 4.3 mmol/L
(3.5-5.4)
Gluc. Serum Fast. 4.7 4.9 **4.4** mmol/L
(3.5-5.4)

Comments on Collection 03/04/24 0804 F:
Glucose Fasting
Diabetes unlikely.

CA

Tests Completed: LFT, Renal Function, Electrolytes, Glucose Fasting
Tests Pending : Iron Studies, Vitamin B12, Folate Serum, LH, FSH,
Oestradiol, Progesterone, Testosterone, DHEAS, SHBG,
VITAMIN D 25 OH, FBC
Sample Pending :

SUMICH, MCKENZIE
12/2 CRYSTALLINE ROAD, SPEARWOOD. 6163
Phone: 0433043077
Birthdate: 19/07/1996 Sex: F Medicare Number: 6263074642
Your Reference: C181DA7EC4 Lab Reference: 494918167-H-ED-
Haematology
Laboratory: Clinipath Pathology
Addressee: DR ROSE ANTHONY Referred by: DR ROSE ANTHONY
Copy to:
EC UNKNOWN

Name of Test: ED- Haematology
Requested: 02/04/2024 Collected: 03/04/2024 Reported: 03/04/2024
17:40

Clinical notes: fatigue, acne

Clinical Notes : fatigue, acne

Haematology

Date	17/06/21	23/11/21	08/04/23	03/04/24		
Time F-Fast	0812 F	0802 F	0835	0804 F		
Lab No.	433231374	434706646	492702440	494918167	Units	
Reference						
Haemoglobin (115-165)	130	126	132	134	g/L	
RCC (3.8-5.8)	4.4	4.4	4.4	4.5	x10 ¹² /L	
Haematocrit (0.36-0.47)	0.39	0.38	0.40	0.40		
MCV	88	88	90	89	fL	(80-100)
MCH	30	29	30	30	pg	(27-32)
MCHC (310-360)	336	328	332	333	g/L	
RDW	12.2	12.1	12.1	12.3		(10-15)
WCC (4.0-11.0)	5.7	5.9	7.6	7.1	x10 ⁹ /L	
Neutrophils (2.0-7.5)	3.3	3.5	5.2	4.9	x10 ⁹ /L	
Lymphocytes (1.2-4.0)	1.8	1.6	1.7	1.6	x10 ⁹ /L	
Monocytes (0.2-1.0)	0.5	0.5	0.5	0.5	x10 ⁹ /L	

Eosinophils (0.0-0.5)	0.1	0.2	0.1	0.1	x10^9/L
Basophils (0.0-0.1)	<0.1	<0.1	<0.1	<0.1	x10^9/L
Platelets (150-400)	215	209	207	208	x10^9/L
ESR	5				mm/h (1-20)

Comments on Collection 03/04/24 0804 F:

FBC

The full blood count parameters are within the acceptable ranges.

Comments on Collection 08/04/23 0835:

FBC

The full blood count parameters are within the acceptable ranges.

Comments on Collection 23/11/21 0802 F:

FBC

The full blood count parameters are within the acceptable ranges.

Comments on Collection 17/06/21 0812 F:

FBC

The full blood count parameters are within the acceptable ranges.

HA

Tests Completed: LFT, Renal Function, Electrolytes, Glucose Fasting, FBC

Tests Pending : Iron Studies, Vitamin B12, Folate Serum, LH, FSH,
Oestradiol, Progesterone, Testosterone, DHEAS, SHBG, VITAMIN D 25

OH

Sample Pending :

SUMICH, MCKENZIE
12/2 CRYSTALLINE ROAD, SPEARWOOD. 6163
Phone: 0433043077
Birthdate: 19/07/1996 **Sex:** F **Medicare Number:** 6263074642
Your Reference: C181DA7EC4 **Lab Reference:** 494918167-C-SE- FE STUDIES
Laboratory: Clinipath Pathology
Addressee: DR ROSE ANTHONY **Referred by:** DR ROSE ANTHONY
Copy to:
EC UNKNOWN

Name of Test: SE-Iron Studies

Requested: 02/04/2024 **Collected:** 03/04/2024 **Reported:** 03/04/2024
18:40

Clinical notes: fatigue, acne

Clinical Notes : fatigue, acne

Iron Studies

Date	17/06/21	23/11/21	08/04/23	03/04/24	
Time F-Fast	0812 F	0802 F	0835	0804 F	
Lab No.	433231374	434706646	492702440	494918167	Units
Reference					
Iron	22	8	17	17	umol/L (5-30)
Transferrin	31	31	30	32	umol/L (25-45)
Saturation	35	13	28	27	% (10-45)
Ferritin	41	33	39	33	ug/L (30-200)

Comments on Collection 03/04/24 0804 F:

Iron Studies

These results indicate borderline low iron stores. Progress iron studies in 1-2 months may be of use.

CA

Tests Completed: LFT, Renal Function,Electrolytes, Iron Studies,
Glucose Fasting ,Folate Serum,LH,FSH,Oestradiol,
Progesterone,Testosterone,SHBG,VITAMIN D 25 OH,FBC

Tests Pending : Vitamin B12,Active B12,DHEAS

Sample Pending :

SUMICH, MCKENZIE

12/2 CRYSTALLINE ROAD, SPEARWOOD. 6163

Phone: 0433043077

Birthdate: 19/07/1996 Sex: F Medicare Number: 6263074642

Your Reference: C181DA7EC4 Lab Reference: 494918167-C-SE-_SFOL

Laboratory: Clinipath Pathology

Addressee: DR ROSE ANTHONY Referred by: DR ROSE ANTHONY

Copy to:

EC UNKNOWN

Name of Test: SE-_Folate Serum

Requested: 02/04/2024 Collected: 03/04/2024 Reported: 03/04/2024
18:40

Clinical notes: fatigue, acne

Clinical Notes : fatigue, acne

Serum Folate

Date	28/06/19	17/06/21	23/11/21	03/04/24
Time F-Fast	0807 F	0812 F	0802 F	0804 F
Lab No.	427798835	433231374	434706646	494918167 Units

Reference

Serum Folate	16.3	8.1	12.6	10.0	ug/L	(>3.8)
--------------	------	-----	------	------	------	--------

CA

Tests Completed: LFT, Renal Function,Electrolytes, Iron Studies,
Glucose Fasting ,Folate Serum,LH,FSH,Oestradiol,
Progesterone,Testosterone,SHBG,VITAMIN D 25 OH,FBC

Tests Pending : Vitamin B12,Active B12,DHEAS

Sample Pending :

SUMICH, MCKENZIE

12/2 CRYSTALLINE ROAD, SPEARWOOD. 6163

Phone: 0433043077

Birthdate: 19/07/1996 Sex: F Medicare Number: 6263074642

Your Reference: C181DA7EC4 Lab Reference: 494918167-C-SE- Hormones

Laboratory: Clinipath Pathology

Addressee: DR ROSE ANTHONY Referred by: DR ROSE ANTHONY

Copy to:

EC UNKNOWN

Name of Test: SE- Hormones

Requested: 02/04/2024 Collected: 03/04/2024 Reported: 03/04/2024

18:40

Clinical notes: fatigue, acne

Clinical Notes : fatigue, acne

Hormones

Date 03/04/24
Time F-Fast 0804 F
Lab No. 494918167 Units
Reference
FSH 6 U/L
LH 3 U/L
Oestradiol 138 pmol/L
Progesterone <1.0 nmol/L

Reference	FSH	LH	Oestradiol	Progesterone
Limits	U/L	U/L	pmol/L	nmol/L
Follicular	2-10	2-10	110-450	<2
Mid-Cycle	5-22	10-80	550-1300	<6
Luteal	2-10	2-8	350-800	>6
Menopausal	>20	>15	<85	<0.5
Post Menopausal	>20	>15	<85	<0.5

Comments on Collection 03/04/24 0804 F:

FSH

Normal follicular pattern.

CA

Tests Completed: LFT, Renal Function, Electrolytes, Iron Studies,
Glucose Fasting, Folate Serum, LH, FSH, Oestradiol,
Progesterone, Testosterone, SHBG, VITAMIN D 25 OH, FBC

Tests Pending : Vitamin B12, Active B12, DHEAS

Sample Pending :

SUMICH, MCKENZIE
12/2 CRYSTALLINE ROAD, SPEARWOOD. 6163
Phone: 0433043077
Birthdate: 19/07/1996 **Sex:** F **Medicare Number:** 6263074642
Your Reference: C181DA7EC4 **Lab Reference:** 494918167-S-SE-VITD
Laboratory: Clinipath Pathology
Addressee: DR ROSE ANTHONY **Referred by:** DR ROSE ANTHONY
Copy to:
EC UNKNOWN

Name of Test: SE-VITAMIN D 25 OH

Requested: 02/04/2024 **Collected:** 03/04/2024 **Reported:** 03/04/2024
18:40

Clinical notes: fatigue, acne

Clinical Notes : fatigue, acne

Date 28/06/19 17/06/21 23/11/21 03/04/24
Time F-Fast 0807 F 0812 F 0802 F 0804 F
Lab No. 427798835 433231374 434706646 494918167 Units
Reference

25OH Vit D 67 61 67 85 nmol/L (50-150)

Comments on Collection 03/04/24 0804 F:

If at risk of falls or fractures suggest reassess Vitamin D at end of winter.

Medicare rebates for vitamin D testing are available for patients at risk of Vitamin D deficiency such as all those with chronic lack of sun exposure.

As 37% of Vitamin D requests in our practice show deficiency, we presume that your patient complies with the funding criteria. If this is not the case, please contact our accounts dept.

ANZBMS updated Position Statement Vitamin D and health in adults in Australia and New Zealand MJA 196 (11) 2012.

Vitamin D adequacy: >49 nmol/L at the end of winter (level may need to be 10-20 nmol/L higher at the end of summer, to allow for seasonal decrease).

Mild Deficiency	30-49	nmol/L
Moderate Deficiency	12.5-29	nmol/L
Severe Deficiency	< 12.5	nmol/L

SA

Tests Completed: LFT, Renal Function, Electrolytes, Iron Studies, Glucose Fasting, Folate Serum, LH, FSH, Oestradiol, Progesterone, Testosterone, SHBG, VITAMIN D 25 OH, FBC

Tests Pending : Vitamin B12, Active B12, DHEAS

Sample Pending :

SUMICH, MCKENZIE
12/2 CRYSTALLINE ROAD, SPEARWOOD. 6163
Phone: 0433043077
Birthdate: 19/07/1996 Sex: F Medicare Number: 6263074642
Your Reference: C181DA7EC4 Lab Reference: 494918167-C-SE- Androgens
Laboratory: Clinipath Pathology
Addressee: DR ROSE ANTHONY Referred by: DR ROSE ANTHONY
Copy to:
EC UNKNOWN

Name of Test: SE- Androgens

Requested: 02/04/2024 Collected: 03/04/2024 Reported: 03/04/2024
19:10

Clinical notes: fatigue, acne

Clinical Notes : fatigue, acne

Androgens

Date	03/04/24		
Time F-Fast	0804 F		
Lab No.	494918167	Units	
Reference			
Testosterone	1.2	nmol/L	(<2.0)
SHBG.	55	nmol/L	(30-120)
FAI	2		(<6)
DHEAS	10.2 H	umol/L	
(2.68-9.23)			
Free Testosterone	15.5	pmol/L	(1-34)

CA

Tests Completed: LFT, Renal Function,Electrolytes, Iron Studies,
Glucose Fasting ,Folate Serum,LH,FSH,Oestradiol,
Progesterone,Testosterone,DHEAS,SHBG,VITAMIN D 25 OH,FBC

Tests Pending : Vitamin B12,Active B12

Sample Pending :

SUMICH, MCKENZIE

12/2 CRYSTALLINE ROAD, SPEARWOOD. 6163

Phone: 0433043077

Birthdate: 19/07/1996 Sex: F Medicare Number: 6263074642

Your Reference: C181DA7EC4 Lab Reference: 494918167-C-SE- Vitamin

B12

Laboratory: Clinipath Pathology

Addressee: DR ROSE ANTHONY Referred by: DR ROSE ANTHONY

Copy to:

EC UNKNOWN

Name of Test: SE-.Vitamin B12

Requested: 02/04/2024 Collected: 03/04/2024 Reported: 04/04/2024
04:10

Clinical notes: fatigue, acne

Clinical Notes : fatigue, acne

Vitamin B12

Date	28/06/19	17/06/21	23/11/21	03/04/24
Time F-Fast	0807 F	0812 F	0802 F	0804 F
Lab No.	427798835	433231374	434706646	494918167 Units

Reference

Vitamin B12 (139-651)	437	314	233	664 H	pmol/L
Active B12		86	63	>128 H	pmol/L (23-100)

RT

Tests Completed: LFT, Renal Function,Electrolytes, Iron Studies,
Glucose Fasting ,Vitamin B12,Folate Serum,LH,FSH,
Oestradiol,Progesterone,Testosterone,Active B12,
DHEAS,SHBG,VITAMIN D 25 OH,FBC

Tests Pending :

Sample Pending :