

23/02/2023

Dear Frances

Your recent results are attached below

Kind Regards,

Bethany Reynolds
MBBS, FRACGP



SE- Liver Function on 10/02/2023

Liver Function

Date	28/10/17	09/11/20	23/07/22	10/02/23		
Time	1046	1138	1043	1007		
Lab No.	427014360	432316406	490687414	492066614	Units	Reference
AST	10	15	16	14	U/L	(10-35)
ALT	10	21	20	12	U/L	(5-30)
ALP	94	45	38	43	U/L	(30-110)
GGT	8	8	12	13	U/L	(5-35)
Total Bilirubin	4	7	10	10	umol/L	(3-15)
Protein	71	73	72	74	g/L	(64-81)
Albumin	29 L	39	39	40	g/L	(35-46)
Globulin	42 H	34	33	34	g/L	(23-39)

CA

Clinipath Pathology NATA No: 2619-2612

Tests Completed: LFT, Renal Function,Electrolytes,C Reactive Protein,IgGAM

Tests Pending : Iron Studies,Vitamin B12,Folate Serum,TFT,
VITAMIN D 25 OH,FBC,ESR

Sample Pending :

SE- Renal function on 10/02/2023

Renal Function

Date	28/10/17	09/11/20	23/07/22	10/02/23		
Time	1046	1138	1043	1007		
Lab No.	427014360	432316406	490687414	492066614	Units	Reference
Urea	3.0	3.6	5.6	6.4	mmol/L	(2.5-7.0)
Creatinine	52	51	56	65	umol/L	(45-85)
eGFR	>90	>90	>90	>90		(>59)
Sodium	144	139	139	141	mmol/L	(135-145)
Potassium	3.0 L	3.7	3.8	4.3	mmol/L	(3.5-5.5)
Chloride	101	104	105	106	mmol/L	(95-110)
Bicarbonate	26	28	25	28	mmol/L	(20-32)

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

Comments on Collection 10/02/23 1007:

Renal Function

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

CA

Clinipath Pathology NATA No: 2619-2612

Tests Completed: LFT, Renal Function,Electrolytes,C Reactive Protein,IgGAM

Tests Pending : Iron Studies,Vitamin B12,Folate Serum,TFT,
VITAMIN D 25 OH,FBC,ESR

Sample Pending :

SE-C Reactive Protein on 10/02/2023

Date	28/10/17	09/11/20	23/07/22	10/02/23		
Time	1046	1138	1043	1007		
Lab No.	427014360	432316406	490687414	492066614	Units	Reference

CRP 164 H 1 <1 <1 mg/L (<5)

Comments on Collection 10/02/23 1007:
C Reactive Protein

CA

Clinipath Pathology NATA No: 2619-2612

Tests Completed: LFT, Renal Function,Electrolytes,C Reactive Protein,IgGAM

Tests Pending : Iron Studies,Vitamin B12,Folate Serum,TFT,
VITAMIN D 25 OH,FBC,ESR

Sample Pending :

SE-IgGAM on 10/02/2023

Date	23/07/22	10/02/23		
Time	1043	1007	Units	Reference
Lab No.	490687414	492066614		
IgG	13.5	14.4	g/L	(7.0-16.0)
IgA	4.4 H	4.9 H	g/L	(0.7-4.0)
IgM	0.8	1.0	g/L	(0.4-2.3)

CL

Clinipath Pathology NATA No: 2619-2612

Tests Completed: LFT, Renal Function,Electrolytes,C Reactive Protein,IgGAM

Tests Pending : Iron Studies,Vitamin B12,Folate Serum,TFT,
VITAMIN D 25 OH,FBC,ESR

Sample Pending :

SE-Iron Studies on 10/02/2023

Iron Studies

Date	23/06/20	09/11/20	23/07/22	10/02/23		
Time	1504	1138	1043	1007	Units	Reference
Lab No.	431512468	432316406	490687414	492066614		
Iron	23	14	16	17	umol/L	(5-30)
Transferrin	30	30	31	34	umol/L	(25-45)
Saturation	38	23	26	25	%	(10-45)
Ferritin	64	80	43	36	ug/L	(30-200)

Comments on Collection 10/02/23 1007:

Iron Studies

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

CA

Clinipath Pathology NATA No: 2619-2612

Tests Completed: LFT, Renal Function,Electrolytes, Iron Studies,

C Reactive Protein,Vitamin B12,Folate Serum,TFT,
VITAMIN D 25 OH,FBC,ESR,Film,IgGAM

Tests Pending :

Sample Pending :

SE-.Vitamin B12 on 10/02/2023

Vitamin B12

Date	23/06/20	09/11/20	23/07/22	10/02/23		
Time	1504	1138	1043	1007		
Lab No.	431512468	432316406	490687414	492066614	Units	Reference
Vitamin B12	439	491	517	833 H	pmol/L	(139-651)

Comments on Collection 10/02/23 1007:

Vitamin B12

Elevated B12 is usually associated with supplementation, liver damage, or haematological malignancy.

CA

Clinipath Pathology NATA No: 2619-2612

Tests Completed: LFT, Renal Function,Electrolytes, Iron Studies,
C Reactive Protein,Vitamin B12,Folate Serum,TFT,
VITAMIN D 25 OH,FBC,ESR,Film,IgGAM

Tests Pending :

Sample Pending :

SE-_Folate Serum on 10/02/2023

Serum Folate

Date	28/10/17	09/11/20	23/07/22	10/02/23		
Time	1046	1138	1043	1007		
Lab No.	427014360	432316406	490687414	492066614	Units	Reference
Serum Folate	19.5	13.1	14.6	11.0	ug/L	(>3.8)

Folate Serum Method and RI change as of 21-07-16.

CA

Clinipath Pathology NATA No: 2619-2612

Tests Completed: LFT, Renal Function,Electrolytes, Iron Studies,
C Reactive Protein,Vitamin B12,Folate Serum,TFT,
VITAMIN D 25 OH,FBC,ESR,Film,IgGAM

Tests Pending :

Sample Pending :

SE- Thyroid Function on 10/02/2023

Thyroid Function

Date	31/07/18	25/09/19	23/07/22	10/02/23		
Time F-Fast	1532	0849 F	1043	1007		
Lab No.	428059998	445170671	490687414	492066614	Units	Reference
TSH	2.07	0.84	1.11	0.89	mU/L	(0.4-4.0)

Comments on Collection 10/02/23 1007:

TFT

Euthyroid levels.

CA

Clinipath Pathology NATA No: 2619-2612

Tests Completed: LFT, Renal Function, Electrolytes, Iron Studies,
C Reactive Protein, Vitamin B12, Folate Serum, TFT,
VITAMIN D 25 OH, FBC, ESR, Film, IgGAM

Tests Pending :

Sample Pending :

SE-VITAMIN D 25 OH on 10/02/2023

Date	04/01/19	07/05/19	25/09/19	10/02/23		
Time F-Fast	1127	1109	0849 F	1007		
Lab No.	429066566	444897075	445170671	492066614	Units	Reference
25OH Vit D	79	91	50	113	nmol/L	(50-150)

Comments on Collection 10/02/23 1007:

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

ED- Haematology on 10/02/2023

Haematology

Date	23/06/20	09/11/20	23/07/22	10/02/23		
Time	1504	1138	1043	1007		
Lab No.	431512468	432316406	490687414	492066614	Units	Reference
Haemoglobin	132	137	130	126	g/L	(115-165)
RCC		4.3	4.2	4.2	x10 ¹² /L	(3.8-5.8)
Haematocrit		0.40	0.39	0.39		(0.36-0.47)
MCV		94	93	93	fL	(80-100)
MCH		32	31	30	pg	(27-32)
MCHC		341	333	325	g/L	(310-360)
RDW		12.9	12.6	13.5		(10-15)
WCC		5.3	6.2	5.3	x10 ⁹ /L	(4.0-11.0)
Neutrophils		2.7	3.8	2.5	x10 ⁹ /L	(2.0-7.5)
Lymphocytes		1.8	1.5	2.0	x10 ⁹ /L	(1.2-4.0)
Monocytes		0.4	0.4	0.4	x10 ⁹ /L	(0.2-1.0)
Eosinophils		0.3	0.4	0.4	x10 ⁹ /L	(0.0-0.5)
Basophils		<0.1	<0.1	<0.1	x10 ⁹ /L	(0.0-0.1)
Platelets		195	222	233	x10 ⁹ /L	(150-400)
ESR			10	25 H	mm/h	(1-20)

Comments on Collection 10/02/23 1007:

Film

Red cells show increased rouleaux formation. There are occasional reactive lymphocytes, suggestive of a viral infection. The platelets appear normal in morphology.