

RAYNER, INDIE  
1B INO LANE, GERRINGONG. 2534  
Phone: 0419995909  
Birthdate: 07/04/2017 Sex: F Medicare Number: 2477299179  
Your Reference: 77600 Lab Reference: 495263796-H-H902  
Laboratory: Southern IML Pathology  
Addressee: DR MARJAN MASOUD Referred by: DR MARJAN MASOUD

Name of Test: ED- Haematology  
Requested: 11/06/2024 Collected: 13/06/2024 Reported: 13/06/2024  
13:35

Clinical notes: No clinical notes provided.

Clinical Notes : No clinical notes provided.

#### Haematology

Date	Latest Results		
Time F-Fast	13-Jun-24		
Lab Id.	0810 F		
	495263796	Reference	Units
Haemoglobin	122	(115-160)	g/L
RCC	4.6	(3.8-5.4)	10*12/L
Haematocrit	0.38	(0.34-0.48)	
MCV	82	(75-95)	fL
MCH	27	(25-33)	pg
MCHC	325	(310-360)	g/L
RDW	13	(10-15)	
WCC	7.3	(4.5-13.5)	10*9/L
Neutrophils	3.3	(1.5-8.0)	10*9/L
Lymphocytes	3.3	(1.5-7.0)	10*9/L
Monocytes	0.5	(0-1.1)	10*9/L
Eosinophils	0.2	(0-0.8)	10*9/L
Basophils	<0.1	(0-0.3)	10*9/L
Platelets	422	(150-450)	10*9/L

Supervising Pathologist:SA/RR

SOUTHERN.IML PATHOLOGY, NATA ACCREDITATION NO:2760

Tests Completed: FULL BLOOD COUNT

Tests Pending : LIVER FUNCTION TESTS, RENAL FUNCTION, ELECTROLYTES,  
GLUCOSE, IRON STUDIES, TTG/GLIADIN, VITAMIN D3

Sample Pending :

RAYNER, INDIE  
1B INO LANE, GERRINGONG. 2534  
Phone: 0419995909  
Birthdate: 07/04/2017 Sex: F Medicare Number: 2477299179  
Your Reference: 77600 Lab Reference: 495263796-C-C141  
Laboratory: Southern IML Pathology  
Addressee: DR MARJAN MASOUD Referred by: DR MARJAN MASOUD

Name of Test: SE- ROUTINE BIO  
Requested: 11/06/2024 Collected: 13/06/2024 Reported: 13/06/2024  
14:35

Clinical notes: No clinical notes provided.

Clinical Notes : No clinical notes provided.

**Routine biochemistry**

Date	Latest Results		
Time F-Fast	13-Jun-24		
Lab Id.	0810 F		
	495263796	Reference	Units
Fast. Glucose	4.6	(3.6-6.0)	mmol/L
Sodium	139	(132-145)	mmol/L
Potassium	4.2	(3.5-5.5)	mmol/L
Chloride	107	(95-110)	mmol/L
Bicarbonate	22	(21-31)	mmol/L
Urea	3.2	(2.5-6.5)	mmol/L
Creat.	35	(20-50)	umol/L
Total Protein	65	(63-79)	g/L
Albumin	39	(35-45)	g/L
Globulin	26	(25-39)	g/L
ALP	239	(120-350)	U/L
GGT	12	(5-20)	U/L
ALT	21	(5-30)	U/L
AST	40	(15-40)	U/L
LDH	218	(150-300)	U/L
T Bilirubin	9	(2-12)	umol/L

Comments on Collection 13-Jun-24 0810 F:

Renal Function

The creatinine and urea are normal. The eGFR result is not reported, as it is unreliable in this age group.

Supervising Pathologist:SM

SOUTHERN.IML PATHOLOGY, NATA ACCREDITATION NO:2760

Tests Completed: LIVER FUNCTION TESTS, RENAL FUNCTION, ELECTROLYTES,  
GLUCOSE, IRON STUDIES, FULL BLOOD COUNT, VITAMIN D3

Tests Pending : TTG/GLIADIN

Sample Pending :

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Your Reference: 77600 Lab Reference: 495263796-C-C151  
Laboratory: Southern IML Pathology  
Addressee: DR MARJAN MASOUD Referred by: DR MARJAN MASOUD

Name of Test: SE-IRON STUDIES  
Requested: 11/06/2024 Collected: 13/06/2024 Reported: 13/06/2024  
14:35

Clinical notes: No clinical notes provided.

Clinical Notes : No clinical notes provided.

#### IRON

Date	Latest Results		
Time F-Fast	13-Jun-24		
Lab Id.	0810 F		
	495263796	Reference	Units
Iron	14.7	(8.8-27.0)	umol/L
Transferrin	2.7	(2.0-3.5)	g/L
Trans Sat	24	(5-35)	%
Ferritin	31	(30-210)	ug/L

Ferritin N.B Ferritin range change 28/04/17

Supervising Pathologist:SM

SOUTHERN.IML PATHOLOGY, NATA ACCREDITATION NO:2760

Tests Completed: LIVER FUNCTION TESTS, RENAL FUNCTION, ELECTROLYTES,  
GLUCOSE, IRON STUDIES, FULL BLOOD COUNT, VITAMIN D3  
Tests Pending : TTG/GLIADIN  
Sample Pending :

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Birthdate: 07/04/2017 Sex: F Medicare Number: 2477299179  
Your Reference: 77600 Lab Reference: 495263796-C-Z046  
Laboratory: Southern IML Pathology  
Addressee: DR MARJAN MASOUD Referred by: DR MARJAN MASOUD

Name of Test: SE-VITAMIN D3  
Requested: 11/06/2024 Collected: 13/06/2024 Reported: 13/06/2024  
14:35

Clinical notes: No clinical notes provided.

Clinical Notes : No clinical notes provided.

Date	Latest Results	
Time F-Fast	13-Jun-24	
Lab Id.	0810 F	
	495263796	Reference Units
Vit D	60	(50-375) nmol/L

Comments on Collection 13-Jun-24 0810 F:  
VITAMIN D3

Vitamin D Status	25-OH Vitamin D nmol/L
Indeterminate	50 - 75
Mild Deficiency	30 - 49
Moderate Deficiency	12.5 - 29
Severe Deficiency	<12.5

The results show Indeterminate Vitamin D status.

If treatment is undertaken, repeat testing should be performed in 3 months.

Over 40% of all people living on the South Coast of NSW presenting for the first time for Vitamin D testing (at the end of winter) show deficiency and on average in any season of the year over 30% are Vitamin D deficient.

Low sun exposure is the main cause of deficiency - living or working indoors, residing in the southern latitudes of Australia, covering up exposed skin and avoiding outdoor activities are contributing factors. Vitamin D deficiency is a major contributing factor to demineralising bone disease such as osteoporosis. As well, recent research shows that it may be associated with other chronic diseases, including certain cancers and autoimmune diseases.

Supervising Pathologist:SM

SOUTHERN.IML PATHOLOGY, NATA ACCREDITATION NO:2760

Tests Completed: LIVER FUNCTION TESTS, RENAL FUNCTION, ELECTROLYTES,  
GLUCOSE, IRON STUDIES, FULL BLOOD COUNT, VITAMIN D3  
Tests Pending : TTG/GLIADIN  
Sample Pending :

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1B INO LANE, GERRINGONG. 2534  
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Birthdate: 07/04/2017 Sex: F Medicare Number: 2477299179  
Your Reference: 77600 Lab Reference: 495263796-R-I073  
Laboratory: Southern IML Pathology  
Addressee: DR MARJAN MASOUD Referred by: DR MARJAN MASOUD

Name of Test: SE-TTG/GLIADIN  
Requested: 11/06/2024 Collected: 13/06/2024 Reported: 14/06/2024  
09:05

Clinical notes: No clinical notes provided.

Clinical Notes : No clinical notes provided.

#### Coeliac Serology

Deamidated Gliadin IgA	2	(	<15	)	U/mL
Deamidated Gliadin IgG	<1	(	<15	)	U/mL
Tissue Transglutaminase IgA	<1	(	<15	)	U/mL
Tissue Transglutaminase IgG	<1	(	<15	)	U/mL

Comments on Lab Id: 495263796

Performed on Bioplex 2200. This detects selective IgA deficiency (<0.07 g/L), an additional comment will be attached if detected.

In persons eating wheat (most days, last six weeks), negative serology effectively excludes coeliac disease/dermatitis herpetiformis. One elevated marker may occur without disease whereas two or more elevated (at four times the cutoff level) markers strongly predict coeliac disease which can be confirmed by biopsy.

Serology becomes negative on gluten free diet (6-9 months for IgA-deamidated gliadin and IgA-tTG, 9-15 months for IgG-deamidated gliadin and IgG-tTG). Without compliance, coeliac markers rise. Coeliac tissue-typing excludes coeliac disease risk by excluding HLA-DQ2 or DQ8 in persons with discordant serology or discordant serology-biopsy findings.

Supervising Pathologist:AL

SOUTHERN.IML PATHOLOGY, NATA ACCREDITATION NO:2760

Tests Completed: LIVER FUNCTION TESTS, RENAL FUNCTION, ELECTROLYTES,  
GLUCOSE, IRON STUDIES, FULL BLOOD COUNT, TTG/GLIADIN, VITAMIN D3  
Tests Pending :  
Sample Pending :