

Investigation Status	Final	Result	Units	Ref. Range	Status
Observation	Value				Final
Creatine Kinase	153	H	U/L	31 - 152	Final

## Pathology Test Result

Investigation	Film				
Order Date	17-May-2025 (Date Requested)				
Order Number	3497846638				
Specimen Type	Blood				
Specimen Collected	17-May-2025 13:10				
Investigation Status	Final				
Observation	Value	Result	Units	Ref. Range	Status
FBE Comment	Mild numbers of reactive lymphocytes present.				Final

## Pathology Test Result

Investigation	Full Blood Count				
Order Date	17-May-2025 (Date Requested)				
Order Number	3497846638				
Specimen Type	Blood				
Specimen Collected	17-May-2025 13:10				
Investigation Status	Final				
Observation	Value	Result	Units	Ref. Range	Status
Haemoglobin	144	H	g/L	115 - 135	Final
White Cell Count	10.2	N	x 10^9/L	5.0 - 15.0	Final
Platelet Count	303	N	x 10^9/L	150 - 400	Final
Haematocrit	0.41	H		0.34 - 0.40	Final
MCH	27.7	N	pg	24.0 - 30.0	Final
Red Cell Count	5.19	N	x 10^12/L	3.90 - 5.30	Final
MCV	78	N	fL	75 - 87	Final
Neutrophils	2.80	N	x 10^9/L	1.50 - 8.00	Final
Lymphocytes	6.94	N	x 10^9/L	1.60 - 9.00	Final
Monocytes	0.35	N	x 10^9/L	0.10 - 1.00	Final
Eosinophils	0.12	N	x 10^9/L	0.10 - 1.00	Final
Basophils	0.00	N	x 10^9/L	< 0.10	Final
FBE Comment	Mild numbers of reactive lymphocytes present.				Final

## Pathology Test Result

Investigation	TFT (Atellica)				
Order Date	17-May-2025 (Date Requested)				
Order Number	3497846638				
Specimen Type	Blood				
Specimen Collected	17-May-2025 13:10				
Investigation Status	Final				
Observation	Value	Result	Units	Ref. Range	Status
FT4 (Atellica)	17.0	N	pmol/L	11.1 - 18.1	Final
TSH (Atellica)	1.52	N	mU/L	0.67 - 4.16	Final

Investigation Status		Final			
Observation	Value	Result	Units	Ref. Range	Status
MICROBIOLOGY	FAECES MICROBIOLOGY				
Y	Lab No. : 34979-61331				
	Micro No. : ID25M26881				
	Collected : 13:06 18-May-25				
	Ward : Paediatric BGN (GCUH)				
	Registered : 13:09 18-May-25				
	Specimen : Faeces				
	Bacterial Faeces PCR:				
	Aeromonas spp. PCR	Not Detected			
	Campylobacter spp. PCR	Not Detected			
	Salmonella spp. PCR	Not Detected			
	Shigella spp. / EIEC PCR	Not Detected			
	Vibrio spp. PCR	Not Detected			
	Yersinia enterocolitica PCR.	Not Detected			
	The assay for Y. enterocolitica has not been fully validated to NPAAC requirements because of the limited availability of reference material, and the results should be interpreted accordingly.				

## Pathology Test Result

Investigation	Blood Culture				
Order Date	17-May-2025 (Date Requested)				
Order Number	3497846660				
Specimen Type	Blood				
Specimen Collected	17-May-2025 13:10				
Investigation Status	Ordered				
Observation	Value	Result	Units	Ref. Range	Status

## Pathology Test Result

Investigation	Chemistry 20 Analytes				
Order Date	17-May-2025 (Date Requested)				
Order Number	3497846638				
Specimen Type	Blood				
Specimen Collected	17-May-2025 13:10				
Investigation Status	Corrected				
Observation	Value	Result	Units	Ref. Range	Status
Sample Appearance	Clear				Final
Sodium	140	N	mmol/L	133 - 144	Final
Potassium	4.4	N	mmol/L	3.6 - 5.3	Final
Chloride	110	N	mmol/L	97 - 110	Final
Bicarbonate	23	N	mmol/L	17 - 30	Final
Anion Gap	7	N	mmol/L	4 - 13	Final
Osmolality (Calculated)	298	H	mmol/L	275 - 295	Final
Glucose	5.0	N	mmol/L	3.0 - 7.8	Final
Glucose - fasting RR	-->	N		3.0 - 6.0	Final
Urea	6.4	H	mmol/L	1.8 - 6.0	Final
Creatinine	26	N	umol/L	< 44	Final
Urea/Creat	246	H		40 - 100	Final
Urate	0.16	N	mmol/L	0.12 - 0.33	Final
Protein (Total)	64	N	g/L	57 - 80	Final
Albumin	37	N	g/L	32 - 47	Final
Globulin	27	N	g/L	25 - 45	Final
Bilirubin (Total)	5	N	umol/L	< 20	Final



Observation	Value	Result	Units	Ref. Range	Status
		N	umol/L	< 4	Final
Bilirubin (Conj.)	< 4	N	U/L	120 - 370	Final
Alkaline Phosphatase	314	N	U/L	< 22	Final
Gamma-GT	14	N	U/L	5 - 30	Final
Alanine Transaminase	30	N	U/L	< 56	Final
Aspartate Transaminase	42	H	U/L	159 - 266	Final
Lactate Dehydrogenase	276	N	mmol/L	2.20 - 2.65	Final
Calcium	2.48	N	mmol/L	2.20 - 2.65	Corrected
Calcium (Alb. Corr.)	2.54	N	mmol/L	1.10 - 2.20	Final
Phosphate	1.57	N	mmol/L	0.65 - 1.10	Final
Magnesium	0.85				

## Pathology Test Result

Investigation	Coag Panel				
Order Date	17-May-2025 (Date Requested)				
Order Number	3497846638				
Specimen Type	Blood				
Specimen Collected	17-May-2025 13:10				
Investigation Status	Final				
Observation	Value	Result	Units	Ref. Range	Status
INR	0.9	L		0.9 - 1.2	Final
Prothrombin Time	10	N	s	9 - 13	Final
APTT	36	N	s	25 - 38	Final
Fibrinogen (derived)	1.9	N	g/L	1.7 - 4.5	Final
Warfarin Therapeutic Range:	Warfarin Therapy (Recommended INR range for clinical state) 2.0 - 3.0 - Atrial fibrillation (prophylaxis). Strict control necessary. 2.5 - 3.5 - Prosthetic heart valves (prophylaxis). 2.0 - 3.0 - Venous and arterial thrombosis (treatment).				Final
Heparin Therapeutic Range:	Recommended target APTT ranges are: Acute Coronary Syndrome (ACS), in place of Warfarin maintenance and neuro/vascular surgery: 65 - 90 sec. Pulmonary Embolism (PE), Deep Vein Thrombosis (DVT): 65 - 100 sec.				Final

## Pathology Test Result

Investigation	C-Reactive Protein				
Order Date	17-May-2025 (Date Requested)				
Order Number	3497846638				
Specimen Type	Blood				
Specimen Collected	17-May-2025 13:10				
Investigation Status	Final				
Observation	Value	Result	Units	Ref. Range	Status
C-Reactive Protein	<0.5	N	mg/L	< 5.0	Final

## Pathology Test Result

Investigation	Creatine Kinase				
Order Date	17-May-2025 (Date Requested)				
Order Number	3497846638				
Specimen Type	Blood				
Specimen Collected	17-May-2025 13:10				

Observation	Value
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Coeliac Ab Comments

Please note the new reference range for both TTG and GLIADIN is: Negative <20 CU, Equivocal 20-30 CU, Positive >30 CU

As of 09-Sep-2013, the assay and units for anti-tissue transglutaminase antibodies and Gliadin antibodies are different. The reportable dynamic range of results has significantly increased. Please contact the laboratory on 07 3646 8047 or more information or if parallel testing of prior samples is required on the new assay.

Anti-tissue transglutaminase IgA antibody is  $\geq 95\%$  sensitive and specific for coeliac disease except in infants <2 years where the sensitivity is probably lower. IgA deficiency may give a false negative result - anti-IgG deamidated gliadin may be useful in this instance. The definitive diagnosis of coeliac disease is made by small bowel biopsy. Positive anti-deamidated gliadin antibodies significantly increase the likelihood, but are not diagnostic of coeliac disease. Correlation with anti-IgA tissue transglutaminase antibodies is required. Isolated positive anti-IgG deamidated gliadin antibodies with low serum IgA levels may also be indicative of coeliac disease. However the definitive diagnosis of coeliac disease is made by small bowel biopsy.

### Pathology Test Result

Investigation	anti-tissue transglutaminase (IgA)				
Order Date	18-May-2025 (Date Requested)				
Order Number	3498087778				
Specimen Type	Blood				
Specimen Collected	19-May-2025 11:12				
Investigation Status	Final				
Observation	Value	Result	Units	Ref. Range	Status
anti-tissue transglutaminase (IgA)	< 2	N	CU	< 20	Final

### Pathology Test Result

Investigation	Creatine Kinase				
Order Date	18-May-2025 (Date Requested)				
Order Number	3498087778				
Specimen Type	Blood				
Specimen Collected	19-May-2025 11:12				
Investigation Status	Final				
Observation	Value	Result	Units	Ref. Range	Status
Creatine Kinase	640	H	U/L	31 - 152	Final

### Pathology Test Result

Investigation	IgA				
Order Date	18-May-2025 (Date Requested)				
Order Number	3498087778				
Specimen Type	Blood				
Specimen Collected	19-May-2025 11:12				
Investigation Status	Final				
Observation	Value	Result	Units	Ref. Range	Status
IgA	0.5	N	g/L	0.4 - 1.6	Final

### Pathology Test Result

Investigation	Sample Appearance				
Order Date	18-May-2025 (Date Requested)				
Order Number	3498087778				
Specimen Type	Blood				
Specimen Collected	19-May-2025 11:12				
Investigation Status	Final				



Observation	Value	Result	Units	Ref. Range	Status
Sample Appearance	Haem 1+				Final

## Pathology Test Result

Investigation	Sample Integrity
Order Date	18-May-2025 (Date Requested)
Order Number	3498087778
Specimen Type	Blood
Specimen Collected	19-May-2025 11:12
Investigation Status	Final

Investigation Status		Final	Result	Units	Ref. Range	Status
Observation	Value		t			
Sample Integrity	ALERT		LL			Final
Sample Integrity Appearance	In vitro and/or in vivo sample haemolysis affects biochemistry results, especially K, LD, AST, phosphate, bilirubin, iron and CK. Repeat collection is recommended. For more information please see the chemlite or call the Chemical Pathology Hotdesk (ph 07 3646 0085).					Final

## Pathology Test Result

Investigation	TFT (Atellica)
Order Date	18-May-2025 (Date Requested)
Order Number	3498087778
Specimen Type	Blood
Specimen Collected	19-May-2025 11:12
Investigation Status	Final

Observation	Value	Result	Units	Ref. Range	Status
FT4 (Atellica)	17.3	N	pmol/L	11.1 - 18.1	Final
TSH (Atellica)	1.20	N	mU/L	0.67 - 4.16	Final
TFT Autocomment	The temporary reference intervals in neonates and pregnancy are under review. Please interpret the results in the context of clinical findings. For further information contact the Hotdesk (ph 07 3646 0085) or the chemical Pathologist on call.				Final
Thyroid Comment	Normal thyroid function (Euthyroid).				Final

## Pathology Test Result

Investigation	SGF Bacteria Panel
Order Date	18-May-2025 (Date Requested)
Order Number	3497961331
Specimen Type	Faeces
Specimen Collected	18-May-2025 13:06
Investigation Status	Final

Observation	Value	Result	Units	Ref. Range	Status
Aeromonas spp. PCR	Not Detected				Final
Campylobacter spp. PCR	Not Detected				Final
Salmonella spp. PCR	Not Detected				Final
Shigella spp. / EIEC PCR	Not Detected				Final
Vibrio spp. PCR	Not Detected				Final
Yersinia enterocolitica PCR.	Not Detected				Final

Observation	Value	Result	Units	Ref. Range	Status
Bacteria faeces autocoment	The assay for <i>Y. enterocolitica</i> has not been fully validated to NPAAC requirements because of the limited availability of reference material, and the results should be interpreted accordingly.				Final

## Pathology Test Result

Investigation	SGF Parasite Panel				
Order Date	18-May-2025 (Date Requested)				
Order Number	3497961331				
Specimen Type	Faeces				
Specimen Collected	18-May-2025 13:06				
Investigation Status	Final				
Observation	Value	Result	Units	Ref. Range	Status
Cyclospora cayetanensis PCR	Not Detected				Final
Cryptosporidium spp. PCR	Not Detected				Final
Entamoeba histolytica. PCR	Not Detected				Final
Giardia lamblia PCR	Not Detected				Final
Parasites faeces autocoment	C. cayetanensis has not been fully validated to NPAAC requirements because of the limited availability of reference material, and the results should be interpreted accordingly.				Final

## Pathology Test Result

Investigation	SGF Virus Panel				
Order Date	18-May-2025 (Date Requested)				
Order Number	3497961331				
Specimen Type	Faeces				
Specimen Collected	18-May-2025 13:06				
Investigation Status	Final				
Observation	Value	Result	Units	Ref. Range	Status
Adenovirus F PCR	Not Detected				Final
Astrovirus PCR	Not Detected				Final
Norovirus genotype I PCR	Not Detected				Final
Norovirus genotype II PCR	Not Detected				Final
Rotavirus A PCR	Not Detected				Final
Sapovirus PCR	Not Detected				Final
Virus faeces autocoment	Astrovirus has not been fully validated to NPAAC requirements because of the limited availability of reference material, and the results should be interpreted accordingly. The role of both Astrovirus and Sapovirus in human disease is controversial and correlation with gastrointestinal symptoms is variable.				Final

## Pathology Test Result

Investigation	SGFMICRO Page				
Order Date	18-May-2025 (Date Requested)				
Order Number	3497961331				
Specimen Type	Faeces				
Specimen Collected	18-May-2025 13:06				