

Amy Studley

Date of Birth:	02 Apr, 1997	Practitioner:	Jodie Studley	ReportId:	R225090000795
Sex:	FEMALE	Practice phone number:	-	Primary Sample ID:	BCD5520
Phone Number:	+61455671137	Practice:	-	Report released:	8:35 pm on 16 Sep 2025 (AEST)
Location:	Unit 2 100 Edgecumbe Street COMO WA 6152 Australia	Practice Address:	-		

Overview

Pathologist Notes

Submitted sample was assayed at >48 hours after collection which may result in reduced reported Secretory IgA concentrations. In such cases, we recommend to also consider clinical symptoms and other diagnostic tests for the final diagnosis and/or to request another patient sample. Diagnostic assays (exclusive of expert summary):
Approved by Prof. Paul Griffin, FRCPA Clinical Microbiologist.



Accreditation No. 20563
Site No. 24 651

Specimen processed by Microba Laboratories.
MetaXplore™ reports are generated based on the testing of faecal samples.
The faecal occult blood, polymerase chain reaction (PCR) and enzyme-linked immunosorbent assays (ELISA) used in the MetaXplore™ range are diagnostic and are approved for clinical use.
NATA/RCPA accreditation does not cover the performance of services with * indicated.

For assistance, contact
1300 974 621

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Targeted Pathogen Panel

Parasitic

Status	Name
Not Detected	Cryptosporidium spp.
Not Detected	Cyclospora cayetanensis
Not Detected	Dientamoeba fragilis
Not Detected	Entamoeba histolytica
Not Detected	Giardia lamblia

Bacterial

Status	Name
Not Detected	Aeromonas spp.
Not Detected	Campylobacter spp.
Not Detected	Clostridium difficile toxin B
Not Detected	E. coli O157
Not Detected	Enteroaggregative E. coli (EAEC)
Not Detected	Enteropathogenic E. coli (EPEC)
Not Detected	Enterotoxigenic E. coli (ETEC)
Not Detected	Hypervirulent Clostridium difficile

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Status	Name
Not Detected	Salmonella spp.
Not Detected	Shiga Toxin
Not Detected	Shigella spp./EIEC
Not Detected	Vibrio spp.
Not Detected	Yersinia enterocolitica

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Gastrointestinal (GI) Markers

	Marker	Result	Reference Range
High	Secretory IgA *	2118.34 µg/g	500.00 µg/g - 2000.00 µg/g
Note: Elevated secretory IgA is seen in patients with intestinal inflammation, intestinal permeability, IBS-D and autoimmune conditions. Interpretation should be made in the context of the patient's clinical presentation.			
Optimal	Calprotectin *	< 11.91 µg/g	≤ 50.00 µg/g
Optimal	Lactoferrin *	< 0.42 µg/g	≤ 7.20 µg/g
Optimal	Pancreatic Elastase *	460.62 µg/mL	≥ 200.00 µg/mL
Optimal	Zonulin *	44.65 ng/mL	≤ 100.00 ng/mL
Not Detected	Faecal Occult Blood	-	-

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Microbiome Health Report

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Microbiome Markers

	Marker	Relative Abundance	Compared to Healthy Cohort	
High	BCAA producing microbes	71.83 %	+1.40	RESEARCH USE ONLY
Low	IPA producing microbes	0.06 %	-1.55	RESEARCH USE ONLY
Optimal	Acetate producing microbes	74.47 %	+0.76	RESEARCH USE ONLY
Optimal	Beta-glucuronidase producing microbes	16.28 %	-0.23	RESEARCH USE ONLY
Optimal	Butyrate producing microbes	18.50 %	+0.13	RESEARCH USE ONLY
Optimal	Hydrogen sulphide producing microbes	5.90 %	-0.09	RESEARCH USE ONLY
Optimal	Methane producing archaea	0.23 %	+0.12	RESEARCH USE ONLY
Optimal	Oxalate consuming microbes	2.64 %	+0.66	RESEARCH USE ONLY
Optimal	Propionate producing microbes	4.96 %	+0.51	RESEARCH USE ONLY
Optimal	Trimethylamine producing microbes	2.50 %	-0.16	RESEARCH USE ONLY
Not Detected	<i>B. fragilis</i> toxin producing microbes	0.00 %	-	RESEARCH USE ONLY
Not Detected	Hexa-LPS producing microbes	0.00 %	-	RESEARCH USE ONLY

	Marker	Result	Compared to Healthy Cohort	
Optimal	Microbial Diversity	4.02	-0.12	RESEARCH USE ONLY
Optimal	Microbial Richness	168	-0.46	RESEARCH USE ONLY
Optimal	Mucin Degradation	643.26	+0.02	RESEARCH USE ONLY

Gastrointestinal (GI) Markers

	Marker	Result	Reference Range	
Optimal	Faecal pH	7.02	5.70 - 7.30	RESEARCH USE ONLY

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Emerging Metabolites

	Marker	Relative Abundance	Compared to Healthy Cohort	
High	Ammonia (urease) producing microbes	11.44 %	+1.33	RESEARCH USE ONLY
Low	Vitamin K producing microbes	8.25 %	-1.40	RESEARCH USE ONLY
Borderline High	Human DNA	0.84 %	+0.91	RESEARCH USE ONLY
Borderline High	Lactate producing microbes	76.48 %	+0.95	RESEARCH USE ONLY
Optimal	GABA consuming microbes	8.20 %	+0.31	RESEARCH USE ONLY
Optimal	GABA producing microbes	14.34 %	-0.23	RESEARCH USE ONLY
Optimal	Histamine producing microbes	0.20 %	-0.46	RESEARCH USE ONLY