

Anika Donnelly

Date of Birth **04 Oct 2007**

Sex **Female**

Location **24 Lachlan Street, THIRROUL NSW 2515
Australia**

Referred by **Leigh Gibbs**

Report ID **R125040012988**

Primary Sample ID **BBZ1906**

Sampling -

Report Released on -

GI Marker Results

Anika Donnelly

METAXPLORE™ GI PLUS

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GASTROINTESTINAL HEALTH MARKERS

MARKER NAME		RANGE
Calprotectin *		≤ 50.00 µg/g
Faecal Occult Blood		
Lactoferrin *		≤ 7.20 µg/g
Secretory IgA *		500.00 µg/g - 2,000.00 µg/g
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.		
Zonulin *		≤ 100.00 ng/ml
Pancreatic Elastase *		≥ 200.00 µg/ml

*NATA/RCPA accreditation does not cover the performance of services with this symbol.



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Site No. **24651**

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The faecal occult blood, quantitative polymerase chain reaction (qPCR) and enzyme-linked immunosorbent assays (ELISA) used in the MetaXplore™ range are diagnostic and are approved for clinical use.

For any questions, please contact
1300 974 621

Targeted Pathogen Panel

Date of Birth **04 Oct 2007**
Sex **Female**
Location **24 Lachlan Street, THIRROUL NSW 2515 Australia**
Report ID **R125040012988**
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PARASITIC

MARKER	RESULT
<i>Cryptosporidium</i> spp.	NOT DETECTED
<i>Cyclospora cayetanensis</i>	NOT DETECTED
<i>Dientamoeba fragilis</i>	NOT DETECTED
<i>Entamoeba histolytica</i>	NOT DETECTED
<i>Giardia lamblia</i>	NOT DETECTED

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BACTERIAL

MARKER	RESULT
<i>Aeromonas</i> spp.	NOT DETECTED
<i>Campylobacter</i> spp.	NOT DETECTED
<i>Clostridium difficile</i> toxin B	NOT DETECTED
<i>E. coli</i> O157	NOT DETECTED
Enteraggregative <i>E. coli</i> (EAEC)	NOT DETECTED
Enteropathogenic <i>E. coli</i> (EPEC)	NOT DETECTED
Enterotoxigenic <i>E. coli</i> (ETEC)	NOT DETECTED
Hypervirulent <i>Clostridium difficile</i>	NOT DETECTED
<i>Salmonella</i> spp.	NOT DETECTED
Shiga Toxin	NOT DETECTED
<i>Shigella</i> spp./EIEC	NOT DETECTED
<i>Vibrio</i> spp.	NOT DETECTED
<i>Yersinia enterocolitica</i>	NOT DETECTED

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Diversity

INSIGHTS 0

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Microbial Markers

RESEARCH USE ONLY
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METAXPLORE™ GI PLUS

Date of Birth 04 Oct 2007

Sex Female

Location 24 Lachlan Street, THIRROUL NSW 2515
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Report ID R125040012988

Sampling -

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Marker	Relative Abundance	Distance from Average
Microbial Diversity	<div><div>ND</div><div><div></div><div>4.17</div></div></div>	+0.21
Microbial Richness	<div><div>ND</div><div><div></div><div>164.00</div></div></div>	-0.54



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Intestinal Motility

INSIGHTS 0

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Gastrointestinal Health Markers

Marker Name		Range
Faecal pH	<div><div></div><div></div><div></div></div> <div>5.24</div>	5.70 - 7.30
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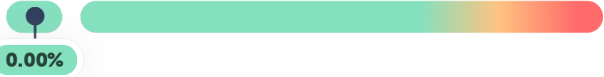



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Microbial Markers

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Marker	Relative Abundance	Distance from Average
Methane producing archaea 	 0.00%	0.00
Microbial Diversity	 ND 4.17	+0.21
Propionate producing microbes 	 ND 5.63%	+0.70



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Intestinal Inflammation

INSIGHTS 3

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Microbial Markers

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Marker	Relative Abundance	Distance from Average
IPA producing microbes +	ND 0.02%	-2.42
Acetate producing microbes +	ND 79.79%	+1.43
Butyrate producing microbes +	ND 21.36%	+0.65
Hexa-LPS producing microbes -	ND 0.12%	-0.07
Mucin Degradation	ND 727.74	+0.51
Propionate producing microbes +	ND 5.63%	+0.70

Intestinal Barrier

INSIGHTS 3

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Marker	Relative Abundance	Distance from Average
IPA producing microbes +	<div><div>ND</div><div><div></div></div><div>0.02%</div></div>	-2.42
<i>B. fragilis</i> toxin producing microbes -	<div><div></div><div><div>0.00%</div></div><div></div></div>	0.00
Butyrate producing microbes +	<div><div>ND</div><div><div></div></div><div>21.36%</div></div>	+0.65
Hexa-LPS producing microbes -	<div><div>ND</div><div><div></div></div><div>0.12%</div></div>	-0.07
Hydrogen sulphide producing microbes +	<div><div>ND</div><div><div></div></div><div>7.94%</div></div>	+0.63



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Systemic Inflammation

INSIGHTS 9

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Marker	Relative Abundance	Distance from Average
IPA producing microbes +	<div><div>ND</div><div><div></div><div>0.02%</div></div></div>	-2.42
BCAA producing microbes -	<div><div>ND</div><div><div></div><div>72.75%</div></div></div>	+1.47
Butyrate producing microbes +	<div><div>ND</div><div><div></div><div>21.36%</div></div></div>	+0.65
Hexa-LPS producing microbes -	<div><div>ND</div><div><div></div><div>0.12%</div></div></div>	-0.07
Microbial Diversity	<div><div>ND</div><div><div></div><div>4.17</div></div></div>	+0.21
Trimethylamine producing microbes -	<div><div>ND</div><div><div></div><div>2.47%</div></div></div>	-0.18



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Detox / Retox

INSIGHTS 0

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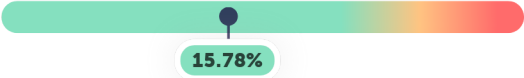
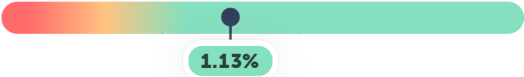
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Marker	Relative Abundance	Distance from Average
Beta-glucuronidase producing microbes -	ND  15.78%	-0.30
Oxalate consuming microbes +	ND  1.13%	-0.28



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Emerging Metabolites

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Microbial Markers

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Marker	Relative Abundance	Distance from Average
Ammonia (urease) producing microbes	<div><div>ND</div><div><div></div><div>12.81%</div></div></div>	+1.56
GABA consuming microbes	<div><div>ND</div><div><div></div><div>10.23%</div></div></div>	+0.74
GABA producing microbes	<div><div>ND</div><div><div></div><div>19.79%</div></div></div>	+0.27
Histamine producing microbes	<div><div>ND</div><div><div></div><div>1.60%</div></div></div>	+1.02
Human DNA	<div><div>ND</div><div><div></div><div>0.82%</div></div></div>	+0.90
Lactate producing microbes	<div><div>ND</div><div><div></div><div>80.92%</div></div></div>	+1.44
Vitamin K producing microbes	<div><div>ND</div><div><div></div><div>21.54%</div></div></div>	+0.60



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