

FUNCTIONAL PATHOLOGY

1868 DANDENONG ROAD CLAYTON VIC 3168 PH: 1300 554 480

PATIENT:
MR MARIO SABELLA

76 PACIFIC HWY

ROSEVILLE NSW 2069

PH: 0414730816

DOB: 22/02/1939

SEX: MALE

UR#:

REF: BFU6304

REQUEST DETAILS:

LAB REF: 22-69295646-CDS-0

REFERRED: 26/10/22

COLLECTED: 22/11/2022 NS

REPORTED: 09/12/22 10:33

TESTED: 22/11/22

BATCH: 0 0

N94

DR PHILIP VAN ZANDEN

UNIVERSITY OF NEW SOUTH WALES

GFL EAST, QUADRANGLE BUILDING

UNSW SYDNEY NSW 2052

CLINICAL HISTORY:
COMPLETE DIGESTIVE STOOL ANALYSIS
SPECIMEN: Faeces
Date 22/11/2022

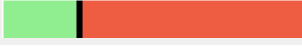
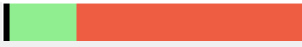
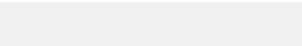
Collection Time NS

Request 22-69295646

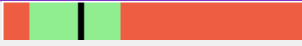
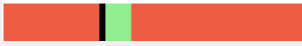
Macroscopic Appearance
Reference Range

Colour	Brown		
Consistency	Loose		
	Bristol; Stool; Type; 6		
Fibres	1+		< 3
Food Remnants	2+		< 3
Mucus	1+		< 2

Microscopic Appearance
Reference Range

Starch Cells	1+**		< 1
Meat Fibres	Nil		< 1
Vegetable Fibres	2+		< 3
Fat Globules	Nil		< 1
Red Cells	Nil		< 1
White Cells	Nil		< 2
Yeasts - Microscopy	Nil		< 1

Short Chain Fatty Acids
Units
Reference Range

Total Short Chain Fatty Acids	129		umol/g	50 - 200
Butyrate	27		umol/g	10 - 30
SCFA distribution: Acetate	52*		%	54 - 67
SCFA distribution: Propionate	22		%	16 - 24
SCFA distribution: Butyrate	21		%	14 - 23

PATIENT: MR MARIO SABELLA

ALL TESTS COMPLETE

PANEL CODES: CD2-R,KIT-R

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Biochemistry

			Units	Reference Range
Valerate/isoButyrate	7		umol/g	< 11
Faecal pH	6.0			< 7.3
Pancreatic Elastase	228		ug/g	> 200
Tryglycerides	0.3		g/100g	< 0.5
Cholesterol	< 0.4		g/100g	< 0.5

Dysbiosis

Dysbiosis Factor 7. (Expected range 1 - 3)

Parasitology
Sample 1:

Collection	Not stated
Wet Prep	Occasional cysts of Blastocystis hominis present. Excessive numbers may cause gastro-enteritis.**
Concentrate	Moderate numbers of Blastocystis hominis present. May be a cause of gastroenteritis.**
Fixed Smear	No Cryptosporidia or Giardia detected.

Culture

Strep/Enterococci	3+	
E. coli	Nil**	
Bifidobacterium sp.	Nil**	
Lactobacilli	2+**	
Candida not isolated.		

Comments:

Decreased Acetate may indicate decreased relaxation of the resistance vessels of the large intestine or an imbalance amongst anaerobic organisms in the gut

Reduced numbers of Lactobacilli indicates microbial imbalance. Probiotic therapy is recommended

The absence of Bifidobacterium species indicates microbial imbalance. Probiotic therapy is recommended

The absence of E.coli indicates microbial imbalance. Probiotic therapy is recommended

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Comments cont.

Presence of starch cells may indicate decreased carbohydrate fermentation or pancreatic insufficiency

NATA/RCPA accreditation does not cover the performance of this service.

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PANEL CODES: CD2-R,KIT-R