

**FUNCTIONAL PATHOLOGY**

1868 DANDENONG ROAD CLAYTON VIC 3168 PH: 1300 554 480

**PATIENT:**
**MR JOHN DOE**  
 ABCD ROAD CLAYTON VIC 3168  
 PH: 0399999999  
 DOB: 01/01/1980  
 UR#:

 SEX: MALE  
 REF: 123456-7890

**REQUEST DETAILS:**
**LAB REF: 16-4801008-CDS-0**  
 REFERRED: 27/07/19  
 COLLECTED: 02/08/19 NS  
 REPORTED: 10/08/19 13:15  
 TESTED: 05/08/2019  
 BATCH: 0 2

**DR SAMPLE DOCTOR**

 1868 DANDENONG ROAD  
  
 CLAYTON VIC 3168

**COMPLETE DIGESTIVE STOOL ANALYSIS**
**SPECIMEN: Faeces**

<b>Date</b>	02/08/2019
<b>Collection Time</b>	NS
<b>Request</b>	16-4801008

Macroscopic Appearance		Reference Range
Colour	Brown	
Consistency	Loose	
Fibres	3+**	< 3
Food Remnants	3+**	< 3
Mucus	Nil	< 2

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

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PATIENT: MR JOHN DOE

ALL TESTS COMPLETE

PANEL CODES: CDS-R,FSS-R,CD4-R

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**Parasitology**
**Sample 1:**

Collection	02/08/19
Wet Prep	No ova, cysts or parasites detected.
Concentrate	No ova, cysts or parasites detected.
Fixed Smear	No Cryptosporidia or Giardia detected.

**Sample 3:**

Collection	02/08/19
Concentrate	No ova, cysts or parasites detected.

**Culture**

Strep/Enterococci	3+	
E. coli	2+**	
Bifidobacterium sp.	Nil**	
Lactobacilli	Nil**	

**Other organisms identified**

Organism	Quantification
Org 1 Klebsiella variicola	3+

**Comments:**
**Dysbiosis factor : 7. (Expected range 1 - 3)**

Elevated fibres present may indicate maldigestion

Elevated food remnants may indicate maldigestion

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

Presence of fat globules present in the stool may indicate fat maldigestion

Elevated N-Butyrate may indicate low (acidic pH), rapid transit time, diarrhoea, carbohydrate intolerance, a diet high in refined carbohydrates or small bowel bacterial overgrowth (SIBO).

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**Comments cont.**

Elevated Valerate-Butyrate may indicate protein maldigestion (arising from hypochlorhydria or pancreatic insufficiency), malabsorption (especially if other markers of malabsorption present) or bowel bacterial overgrowth (SIBO).

Elevated triglycerides may indicate hypochlorhryia, pancreatic insufficiency or bile salt insufficiency.

Faecal cholesterol is derived from both dietary sources & mucosal epithelial cell breakdown. Levels tend to remain constant despite fluctuating dietary intake. Elevated cholesterol may indicate malabsorption & rapid cell turnover.

Reduced numbers of E.coli indicates microbial imbalance. Probiotic therapy is recommended.

The absence of Lactobacilli indicates microbial imbalance. Probiotic therapy is recommended

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

NATA accreditation does not cover the performance of this service.

PATIENT: MR JOHN DOE

ALL TESTS COMPLETE

PANEL CODES: CDS-R,FSS-R,CD4-R