



P: 1300 688 522

E: info@nutripath.com.au

A: PO Box 442 Ashburton VIC 3142

Date of Birth : 30-Mar-1982

Sex : F

Collected : 22-Feb-2018

26 WARRINGAH STREET

NORTH BALGOWLAH NSW 2093

Lab id: **3524967** UR#: 6523628

12/50 BELLEVUE ROAD

BELLEVUE HILL NSW 2023

**MICROBIOLOGY**

STOOL, SPOT

Result Range Units

**FAECES SPECIMEN****STOOL - MICROSCOPY DAY 1**

MACROSCOPIC DESCRIPTION: Semiformed

## MICROSCOPY

POLYMORPHS: Nil

RBC.....: Nil

EIA Antigen: Giardia and Cryptosporidium NOT detected.

DETECTED: Dientamoeba fragilis trophozoites: +

**STOOL CULTURE DAY 1**

NO ENTERIC PATHOGENS ISOLATED.





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**Faecal Multiplex PCR****PARASITIC PATHOGENS:**

Giardia intestinalis:	Not Detected
Cryptosporidium species:	Not Detected
Dientamoeba fragilis:	DETECTED
Entamoeba histolytica:	Not Detected
Blastocystis species:	Not Detected

**BACTERIAL PATHOGENS**

Campylobacter species:	Not Detected
Salmonella species:	Not Detected
Shigella species:	Not Detected
Yersinia enterocolitica:	Not Detected
Aeromonas species:	Not Detected
Plesiomonas species:	Not Detected

Not Detected results indicate the absence of detectable DNA in this sample for the 11 enteropathogens reported.

Dientamoeba fragilis has been DETECTED by Multiplex PCR  
 DNA consistent with the presence of D. fragiliis has been detected using ultra-sensitive PCR techniques.  
 It has been observed during this assay that the identification value of this detected organism is reported at: 33.44

This value represents a low positive detection, it is potentially indicative of a historical or resolving infection, including possibly the presence of dead organisms.

Dientamoeba fragiliis appears to be extremely common and may have a cosmopolitan distribution, although there are large variations in prevalence.

Dientamoeba fragilis has been linked to intestinal symptoms, especially in children. The most common symptoms associated with this organism are abdominal pain, intermittent diarrhoea, bloating and anorexia.

If treatment is warranted, metronidazole for 10 days or a single 2g dose of Tinidazole may be used. Tetracycline has also proven effective in adults.