WellLab

Sample Test Name
Date Of Birth: 04 OCT 1972
Sex: M
Lab ID: ######

Test Physcian
Dr. Edward Chan
11 - 1, Wisma Laxton,
Jalan Desa,Taman Desa, 58100.

GIT ASSESSMENTS

STOOL, SPOT | Result | Range | Units

Faecal Multiplex PCR

PARASITIC PATHOGENS:

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

BACTERIAL PATHOGENS

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

Not Detected results indicate the absence of detectable DNA in this sample for the 10 enteropathogens reported.

Dientamoeba fragilis DETECTED by Multiplex PCR
DNA consistent with the presence of D. fragiliis has been detected using PCR techniques.
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.

Blastocystis hominis DETECTED by Multiplex PCR
DNA consistent with the presence of B. hominis has been detected using PCR techniques. Blastocystis hominis may be the cause of persistent, mild diarrhoea. It is endemic in Australia, although it may also be associated with recent overseas travel. Detection suggests the ingestion of contaminated material and continued symptoms may require further specimens for the detection of bacterial, viral and/or parasitic pathogens.

If treatment is warranted, metronidazole 400 - 750mg (child 12-17mg/kg up to 750mg) tds for at least 10 days.
Lower dosages are usually associated with treatment failure.

Tests ordered: FaePCR