



## FAECAL DNA MULTIPLEX PCR - Test Code 2002



Turnaround Time: 2 business days



Specimen Type: Stool Kit

### Description

Stool parasite testing through PCR (polymerase chain reaction) is a highly accurate method for identifying parasites that may be causing gastrointestinal symptoms. This test detects the genetic material of a wide range of parasites, including Giardia, Cryptosporidium, and Blastocystis hominis, which can infect the digestive tract and lead to symptoms like diarrhoea, abdominal pain, nausea, and fatigue (Karakuş et al., 2022).

Unlike traditional stool tests which rely on identifying parasites under a microscope, PCR testing is more sensitive and can detect even low levels of infection, making it particularly useful for diagnosing cases with subtle or intermittent symptoms (Karakuş et al., 2022). Testing is also non-invasive and only requires a small stool sample. Many patients who have travelled abroad, consumed untreated water, or experienced prolonged digestive symptoms benefit from this testing, as it helps pinpoint infections that may otherwise go undetected (Karakuş et al., 2022).

By identifying specific parasites, healthcare providers can recommend targeted treatments, thereby reducing unnecessary discomfort and helping to prevent long-term complications. Stool PCR testing provides rapid, reliable results, ensuring prompt and effective management of parasitic infections.

### Whats included?

- Giardia intestinalis
- Cryptosporidium species
- Dientamoeba fragilis
- Entamoeba histolytica
- Blastocystis hominis
- Campylobacter species
- Salmonella species
- Shigella species
- Yersinia
- Aeromonas species

### Conditions and Symptoms

- Diarrhoea, constipation, bloating
- Abdominal pain or cramps
- Unexplained weight loss
- Fatigue and weakness
- Anaemia
- Rashes or hives
- Muscle and joint pain
- Brain fog

### Complementary Testing

- CDSA Level 1 (Test code 2003)
- Iron Studies (Test code 6009)

### Accreditations Include:

- NATA ISO 15189 – Requirements for Quality and Competence in Medical Laboratories\*
- CLIA – Clinical Laboratories Improvement Amendments\*



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\*See NATA and CLIA website for further details