

Multiplex PCR for
the identification of
9 intestinal parasites

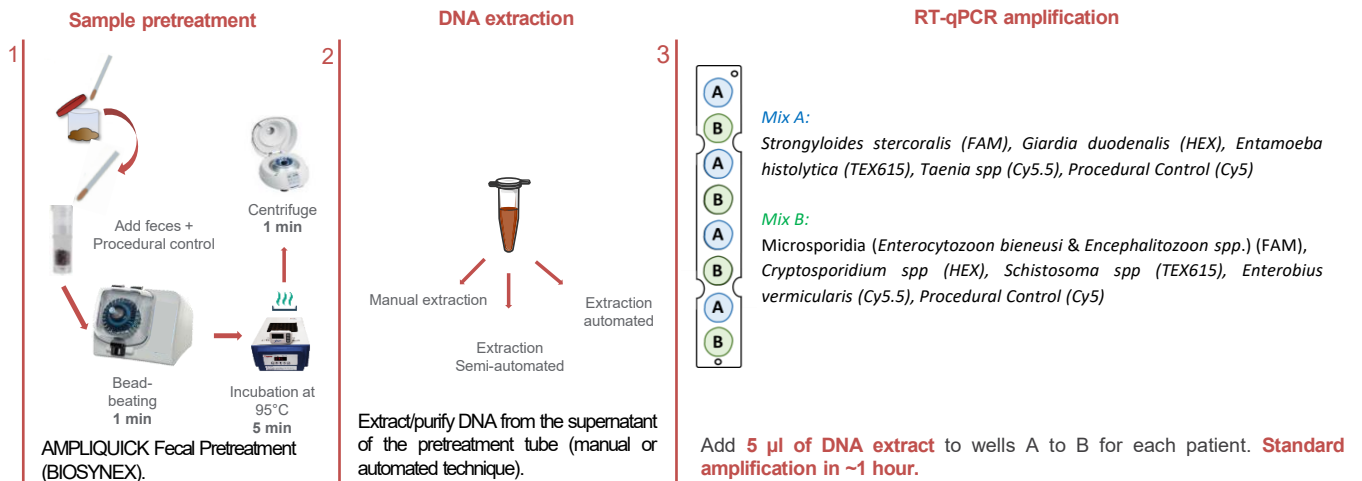
- Ready-to-use kits dedicated to pre-analytical and analytical steps
 - Sample pretreatment and bead-beating kit
 - Gene amplification kits: 9 parasites (helminths, protozoa and microsporidia) according to learned societies recommendations
- Sensitivity and rapid results
 - Automated mechanical pre-treatment in less than 10 minutes for improved detection sensitivity
- Internal quality controls
 - Exogenous amplification control and procedural control included
- Open kits
 - On extraction systems and thermal cyclers

BIOSYNEX AMPLIQUICK Parasitology Lite

Acute infectious diarrhea can be caused by viruses, bacteria, or parasites, with virtually identical clinical symptoms regardless of the etiological agent. It is therefore difficult to determine the pathogen responsible based on clinical data alone. Real-time PCR allows simultaneous detection and differentiation of gastrointestinal pathogens, whether viral, bacterial, or parasitic. Biosynex AMPLIQUICK Parasitology Lite identifies nine of the most common intestinal parasites in a single PCR analysis, in accordance with the recommendations of learned societies. Pretreatment with AMPLIQUICK Fecal Pretreatment allows for clean sampling of fecal matter, and bead-beating significantly increases the sensitivity of PCR, enabling the detection of all forms of parasites present in the sample. In addition, the pretreatment buffer ensures minimal residual inhibitors in the DNA extract.

From the same pretreatment tube, nucleic acid extraction can be performed to use our other gastrointestinal infections diagnostic, AMPLIQUICK Fecal Virology and AMPLIQUICK Fecal Bacteriology, as well as AMPLIQUICK Helminths and AMPLIQUICK Protozoans, which enable second-line screening for 10 helminths and/or 10 protozoa in symptomatic patients, while minimizing technician time and providing reliable results.

PROCEDURE*



* Simplified procedure. Please refer to the instructions for use for the detailed procedure.

REFERENCES

BIOSYNEX AMPLIQUICK Parasitology Lite

Ref.3150078_SEC01, 3150078_SEC02

Contains

- 5x 96-well plates pre-filled with ready-to-use master mixes (48 reactions/plate, 240 reactions)
- 1 positive control tube (60 reactions)
- 1 negative control tube (60 reactions)
- 4 procedural control tubes (60 rxns)
- 5 bags of optical stopper strips

BIOSYNEX AMPLIQUICK Fecal Pretreatment

Ref. 3150065

- 100 pre-filled tubes with buffer and pre-treatment beads
- 100 calibrated spoons with leveling accessories
- 100 wooden spatulas

Other AMPLIQUICK references Fecal Parasitology

BIOSYNEX AMPLIQUICK Helminths Ref. 3150066

BIOSYNEX AMPLIQUICK Protozoans Ref. 3150067

Parasitology Lite

Ref.3150078_BLK96

Contains:

- 2 tubes each containing ready-to-use master mix (96 reactions/tube)
- 1 positive control tube (60 reactions)
- 1 negative control tube (60 reactions)
- 2 procedural control tubes (60 rxns)