



Faecal Multiplex PCR testing

- 19 Pathogens available in 24 hours.
- Rapid diagnosis – early treatment and therapy
- Bacteria, Protozoa AND Enteric Viruses

SydPath is now performing Faecal Multiplex PCR for the detection of 19 enteric pathogens:

Salmonella sp, Campylobacter sp, Shigella sp, Clostridium difficile, Yersinia sp, Listeria monocytogenes, Cryptosporidium sp, Giardia sp, Entamoeba histolytica, Dientamoeba fragilis, Blastocystis hominis, Norovirus group I, Norovirus group II, Rotavirus A, Rotavirus B, Astrovirus, Sapovirus, Adenovirus and Adenovirus 40/41.

Your patient will still require faecal microscopy culture and sensitivity (MCS).

- Detection of infection by a protozoan, parasite and enteric bacteria not covered in the faecal multiplex PCR.
- MCS for bacterial pathogens assists in identifying species or serovar levels and allows us to produce an antimicrobial susceptibility profile.
- Allows Food-borne disease reporting and prevention of additional outbreak.

For further information, please contact the Microbiology Department on (02) 8382-9209.

Order a PCR with your Faecal MCS, giving you a faster and more accurate diagnosis than Faecal MCS alone.

Targets	Multiplex PCR Sensitivity	Traditional methods (MCS/OCP/EIA)
Enteric bacteria	94 – 100%	25 – 89%
Enteric protozoa	92 – 100%	20 – 90%
Enteric viruses	100%	65 – 92%
Turn around time	24 hours	48 – 96 hours

How to order?

- Request 'Faeces MCS + PCR' on our Pathology Request Form.
- Both tests are fully Medicare rebatable.
- Just add 'PCR' to your 'Faecal MCS' order next time you are investigating an enteric bacterial/protozoan infection.

Sample Required

- Stool Sample.
- no preservatives required.