SydPath
ST VINCENT'S PATHOLOGY

FAECAL MULTIPLEX PCR TESTING

- **18 Pathogens available in 24 hours**
- **Rapid Diagnosis - early treatment and therapy**
- **Bacteria, Protozoa and Enteric Viruses**

SYDPATH OFFERS FAECAL MULTIPLEX PCR FOR THE DETECTION OF 18 PATHOGENS:

Salmonella sp, Campylobacter sp, Shigella so, Clostridium difficile, Yersinia sp, Cryptosporidium sp, Giardia sp, Entamoeba histolytica, Dientamoeba fragalis, Blastocystis hominis, Norovirus group 1, Norovirus group 2, Rotavirus A, Rotavirus B Astrovirus, Sapovirus, Adenovirus and Adenovirus 40/41.

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

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 outbreaks.

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/protozan/viral infection.

SAMPLE REQUIRED

- Stool Sample
- No preservatives required

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.

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