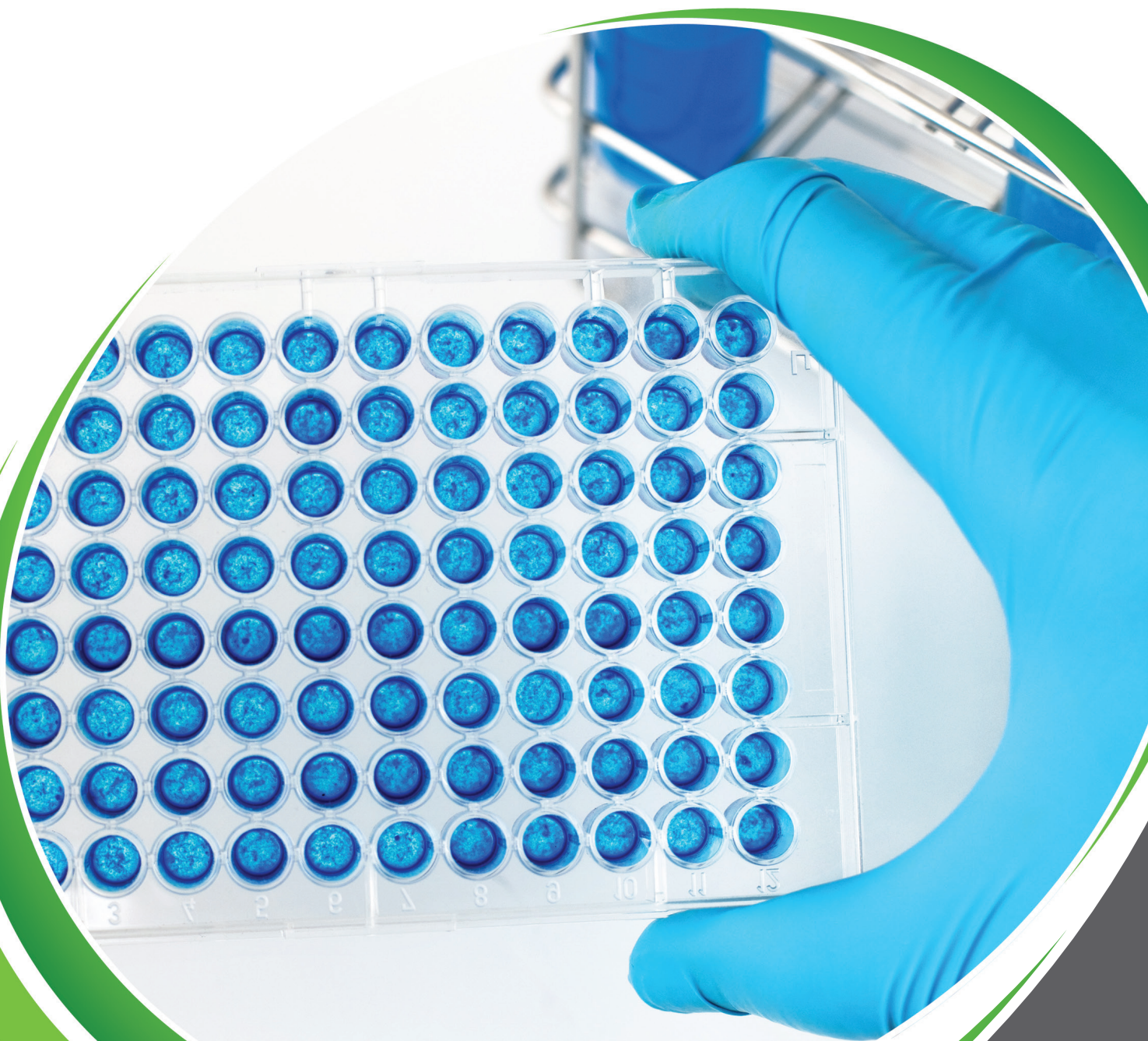


PCR Panels



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Vetnostics PCR Panels

As many of you are already aware, Vetnostics has a broad range of canine, feline and equine PCR panels.

The panels have been carefully designed based on current veterinary literature to ensure the information generated and reported is both accurate, diagnostically useful (as a consequence, you may note the limited number of organisms included in some of the panels) and affordable.

The panels described below are performed on-site at our Sydney laboratory with a turnaround time of 1-2 working days.

PCR sample collection advice for both small animals (dogs and cats) and equines is available as a separate document.

Please feel free to ring one of our veterinary pathologists to discuss the panels and/or for collection advice.

EQUINE

Faecal Salmonella spp. PCR - code SAL

- *Salmonella* species

Equine Respiratory PCR Panel - code RPE

- Equine Herpesvirus 1
- Equine Herpesvirus 4
- *Rhodococcus equi*
- *Streptococcus equi* subsp. *equi*
- *Chlamydia psittaci*

Equine Strangles PCR Panel - code EQU

- *Streptococcus equi* subsp. *equi*
- *Streptococcus equi* subsp. *zooepidemicus*

Equine (Adult) Faecal PCR Panel - code AHP

- *Lawsonia intracellularis*
- *Clostridium difficile* Toxin A/Toxin B
- *Clostridium perfringens* Toxin A/CPE toxin/cpb2 toxin
- *Salmonella* species
- Equine Coronavirus

Equine (Foal) Faecal PCR Panel - code FHP

- *Clostridium difficile* Toxin A/Toxin B
- *Clostridium perfringens* Toxin A/CPE toxin/cpb2 toxin/netF toxin
- *Salmonella* species
- Equine Coronavirus
- Rotavirus
- *Cryptosporidium* species

Equine Prebreeding PCR Panel - code EST

- *Pseudomonas aeruginosa*
- *Klebsiella pneumoniae* Capsule K1
- *Klebsiella pneumoniae* Capsule K2
- *Klebsiella pneumoniae* Capsule K5

CANINE

Canine Neurological PCR Panel - CSF sample only - code CNP

- *Toxoplasma gondii*
- *Cryptococcus* species
- *Angiostrongylus* species
- *Neospora caninum*
- Canine Distemper virus

Canine Faecal Multiplex PCR Panel - code MVC

BACTERIA	PARASITE	VIRAL
<i>Salmonella</i> species	<i>Giardia</i> species	Parvovirus
<i>Campylobacter jejuni</i>	<i>Cryptosporidium canis</i>	Coronavirus

Canine Respiratory PCR Panel - code RPC

- *Bordetella bronchiseptica*
- *Streptococcus equi* subsp. *zooepidemicus*
- Canine Adenovirus type 2
- Canine Herpesvirus type 1
- Coronavirus
- Canine Parainfluenza virus
- *Mycoplasma cynos*

FELINE

Feline Neurological PCR Panel - CSF sample only - code FNP

- *Toxoplasma gondii*
- *Cryptococcus* species
- Coronavirus

Feline Faecal Multiplex PCR Panel - code MVF

BACTERIA	PARASITE	VIRAL
<i>Salmonella</i> species	<i>Giardia</i> species	Parvovirus
<i>Campylobacter jejuni</i>	<i>Cryptosporidium felis</i>	Coronavirus
	<i>Toxoplasma gondii</i>	
	<i>Trichostrongylus axei</i>	

Feline Respiratory PCR Panel - code RPF

- *Cryptococcus* species
- Feline Calicivirus
- *Bordetella bronchiseptica*
- *Chlamydia felis*
- Feline Herpesvirus 1
- *Mycoplasma felis*

Feline Haemotropic Mycoplasma PCR - code FBM

- *Mycoplasma haemofelis*
- *Mycoplasma haemominutum*
- *Mycoplasma turicensis*

GENERAL

Respiratory Mycoplasma PCR Panel - code VMR

- *Mycoplasma cynos*
- *Mycoplasma felis*

Leptospira PCR - code LES (EDTA blood AND urine)

- *Leptospira interrogans*