



NOBLE MANES CLINIC

SERVICES FOR BREEDERS BY BREEDERS

Animal Clinic, Diagnostic Laboratory Testing, Breeder Support & Supplies



Diarrhea RealPCR Panel (Comprehensive)

IDEXX TEST CODE

IDEXX 2627

BREEDER TESTING OPTION

Single Animal or Combined Litter Sample

IDEXX TEST TYPE

RealPCR

REQUIRED SUPPLIES

Collection Pack: Universal

TURNAROUND TIME

1 - 4 days

TESTS INCLUDED

Diarrhea RealPCR™ Panel (Comprehensive)—Feline

SPECIMEN REQUIREMENTS: 2627

3 - 5 g (1 g minimum) fresh feces in a sterile container, RTFC (Red Top Fecal Container) preferred; keep refrigerated.

STORAGE AND STABILITY

Fresh Feces up to 10 days at 36° to 46° F (2° to 8° C), keep refrigerated.

TEST COMPONENTS: REFERRED

- C. Perfringens Alpha Toxin (CPA)
- C. Perfringens Enterotoxin (CPE)
- Campylobacter Coli
- Campylobacter Jejuni
- Cryptosporidium Spp.
- Feline Coronavirus (FeCoV)
- Feline Panleukopenia Virus (FPV)
- Giardia Spp.
- Salmonella Spp.
- Toxoplasma Gondii
- Tritrichomonas Blagburni

INTERPRETATION: NEGATIVE

Result indicates that the nucleic acid (DNA or RNA) of that organism(s) was not detected in the sample submitted. However, a negative PCR result may be caused by the number of organisms being below the limit of detection, decreased numbers of organisms following treatment or chronic carrier state, or the occurrence of a new strain variation.

INTERPRETATION: POSITIVE

Result indicates that the nucleic acid (DNA or RNA) of that organism(s) was detected in the fecal sample. In a patient with diarrhea, this supports infection. Vaccination with a modified live coronavirus vaccine may result in a positive result for up to a few weeks post-vaccination. Clostridium perfringens toxin genes (CPA and CPE) positive PCR results should be interpreted based on their quantitative levels. Note that recent or concurrent antibiotic against Clostridium will lower the quantitative levels. In animals with CPA or CPE gene copies > 300 Thous/g feces, the toxin may be contributing to clinical signs of diarrhea. In animals where the number of copies of the gene is below the cut-off, this toxin is unlikely to be contributing to diarrhea.

NOTES

Includes quantification of Clostridium Perfringens Alpha Toxin (CPA) and Clostridium Perfringens Enterotoxin (CPE) genes if PCR positive.

INTERFERENCE

[PCR] poor sample quality / aged sample / recent vaccination with modified live vaccines / recent antimicrobial or antiviral therapy.

DISCLAIMER

The coronavirus test included in this panel is specific to feline enteric coronavirus and does not detect SARS-CoV-2, the causative agent in COVID-19. Feline enteric coronavirus is species-specific and does not infect humans.