



NOBLE MANES CLINIC

SERVICES FOR BREEDERS BY BREEDERS

Animal Clinic, Diagnostic Laboratory Testing, Breeder Support & Supplies

Respiratory (Upper) Disease RealPCR Panel (Comprehensive) / Diarrhea RealPCR Panel (Comprehensive) and Fecal Dx Profile

IDEXX TEST CODE

IDEXX 2512-3882

IDEXX TEST TYPE

RealPCR / Immunoassays

REQUIRED SUPPLIES

Collection Pack: Universal

TURNAROUND TIME

1 - 4 days; allow additional time for strain identification if influenza A virus PCR positive

TESTS INCLUDED

Upper Respiratory Disease (URD) RealPCR™ Panel—Feline / Diarrhea RealPCR™ Panel (Comprehensive)—Feline / Fecal Dx® Profile

SPECIMEN REQUIREMENTS: 2512

Deep pharyngeal swab (with visible organic material on swab; please rub firmly) and a conjunctival swab (wipe eye clean, swab inside of eyelid) in the same tube. Please submit dry, plastic-stemmed swabs, without transport media, in a WTT (White Top Tube); keep refrigerated.

SPECIMEN REQUIREMENTS: 3882

Submit separate specimens for RealPCR and DX Profile. Two containers each containing: 3 – 5 g (1 g minimum) fresh feces in a sterile container, RTFC (Red Top Fecal Container) preferred; keep refrigerated.

STORAGE AND STABILITY

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

TEST COMPONENTS: REFERRED

- Bordetella Bronchiseptica
- C. Perfringens Alpha Toxin (CPA)
- C. Perfringens Enterotoxin (CPE)
- Campylobacter Coli
- Campylobacter Jejuni
- Chlamydophila Felis (C. felis)
- Cryptosporidium Spp.

- Fecal Ova and Parasites
- Feline Calicivirus (FCV)
- Feline Coronavirus (FeCoV)
- Feline Herpesvirus Type 1 (FHV-1)
- Feline Panleukopenia Virus (FPV)
- Flea Tapeworm Antigen
- Giardia Spp.
- Hookworm Antigen
- Influenza Virus (H7N2)
- Influenza A Virus (H1N1)
- Influenza A Virus (H3N2)
- Influenza A Virus (H3N8)
- Influenza A Virus (H7N2)
- Mycoplasma Felis (Mhf)
- Roundworm Antigen
- Salmonella Spp.
- Toxoplasma Gondii
- Tritrichomonas Blagburni
- Whipworm Antigen

INTERPRETATION: NEGATIVE

[2512] Result supports the absence of an infectious cause by these organisms for the clinical signs. PCR may not detect 100% of the isolates for the tested pathogens in a chronic carrier state, or the occurrence of a new strain variation. [3882] 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

[2512] Result indicates the detected organism(s) is likely an infectious cause for the clinical signs. Additional causes for the clinical signs should be assessed separately. Vaccination with a modified live vaccine may result in positive results for up to a few weeks post-vaccination. [3882] 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 feline herpesvirus type 1 (FHV-1) viral particles if PCR positive. Includes strain identification for influenza A virus if PCR positive. 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. [Fecal O&P] poor sample quality / aged sample / small sample / freezing / non-formalin fixatives / samples contacting ground for >= 30 minutes.

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.