



NOBLE MANES CLINIC

SERVICES FOR BREEDERS BY BREEDERS
Animal Clinic, Diagnostic Laboratory Testing, Breeder Support & Supplies



Fecal Coccidioides RealPCR Test

IDEXX TEST CODE

IDEXX 3025

BREEDER TESTING OPTION

Single Animal or Combined Litter Sample

IDEXX TEST TYPE

RealPCR

REQUIRED SUPPLIES

Collection Pack: Universal

TURNAROUND TIME

1 - 4 day

TESTS INCLUDED

Coccidioides spp. RealPCR™ Test

SPECIMEN REQUIREMENTS: 3025

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

- Coccidioides Spp.

INTERPRETATION: NEGATIVE

Result indicates that Coccidioides DNA was not detected in the sample submitted and other causes of clinical disease should be investigated. However, a negative PCR result may be caused by the numbers of organisms being below the limit of detection, decreased numbers of organisms following treatment or chronic carrier state, or the occurrence of new strain variations.

INTERPRETATION: POSITIVE

Result indicates that *Coccidioides* DNA was detected in the sample submitted. In animals with clinical signs, this supports infection. Dry or productive cough with concurrent fever, partial anorexia and weight loss is the most common clinical manifestation of disease. More severe respiratory signs may occur. With disseminated disease, lameness, localized peripheral lymphadenopathy, draining skin lesions, keratitis, uveitis, acute blindness, seizures, ataxia, behavioral changes, and coma can occur.

NOTES

Common Name: Valley Fever

INTERFERENCE

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