



NOBLE MANES CLINIC

SERVICES FOR BREEDERS BY BREEDERS

Animal Clinic, Diagnostic Laboratory Testing, Breeder Support & Supplies



Ringworm (Dermatophyte) RealPCR Panel and Fungal Culture

IDEXX TEST CODE

IDEXX 3685

IDEXX TEST TYPE

RealPCR / Microbiology

REQUIRED SUPPLIES

Collection Pack: Universal

TURNAROUND TIME

1 - 4 days; allow 14–16 days for the fungal culture

TESTS INCLUDED

Ringworm (Dermatophyte) RealPCR™ Panel / Fungal Culture (on selective dermatophyte media)

SPECIMEN REQUIREMENTS: 3685

Submit separate specimens for RealPCR and Fungal Culture. Two containers each containing: Plucked hair with follicles (minimum 10 – 20 visible hairs) and skin scrapings from the active border of lesion (preferred) in WTT (White Top Tube), if no distinct lesions are present, pluck hairs from site of prior lesions (if known) and/or submit hair from a thorough coat brushing, using a toothbrush in WTT (White Top Tube); keep refrigerated.

STORAGE AND STABILITY

Hair and Skin Scrapings up to 10 days at 36° to 46° F (2° to 8° C), keep refrigerated.

TEST COMPONENTS: REFERRED

- Microsporum Canis
- Microsporum Spp.
- Trichophyton Spp.

TEST COMPONENTS: MICROBIOLOGY

- Fungal Culture (on selective dermatophyte media)

INTERPRETATION: NEGATIVE

Result indicates that DNA of Microsporum spp or Trichophyton spp organism(s) was not detected in the sample submitted. 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 a new strain variation.

INTERPRETATION: POSITIVE

Result indicates that DNA of *Microsporium* spp. or *Trichophyton* spp. was detected in the submitted sample. In a patient with clinical signs, this supports infection. Positive results may also be seen in nonclinical patients in a carrier state. Zoonotic potential exist.

NOTES

Fungal culture will only be performed if a separate specimen is submitted for culture.

INTERFERENCE

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