



# NOBLE MANES CLINIC

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

## Respiratory (Upper) Disease RealPCR Panel (Comprehensive) and Aerobic Culture (if Indicated)

### IDEXX TEST CODE

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IDEXX 3037

### IDEXX TEST TYPE

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RealPCR / Culture

### REQUIRED SUPPLIES

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Collection Pack: Culture Plus

### TURNAROUND TIME

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

### TESTS INCLUDED

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Upper Respiratory Disease RealPCR Panel (Feline) / Aerobic Culture (ID and susceptibility)

### SPECIMEN REQUIREMENTS: 3037

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Submit separate specimens for RealPCR and Culture. 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), AND deep pharyngeal culture swab (eSwab) in transport media; keep refrigerated.

### STORAGE AND STABILITY

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Pharyngeal and Conjunctival Swab up to 10 days at 36° to 46° F (2° to 8° C), keep refrigerated. Culture Swab up to 72 hours at 36° to 46° F (2° to 8° C), keep refrigerated.

### TEST COMPONENTS: REFERRED

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- Bordetella Bronchiseptica
- Chlamydophila Felis (C. felis)
- Feline Calicivirus (FCV)
- Feline Herpesvirus Type 1 (FHV-1)
- Influenza Virus (H7N2)
- Influenza A Virus (H1N1)
- Influenza A Virus (H3N2)
- Influenza A Virus (H3N8)
- Influenza A Virus (H7N2)
- Mycoplasma Felis (Mhf)

- Aerobic Culture (ID with Susceptibility)

*INTERPRETATION: NEGATIVE*

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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.

*INTERPRETATION: POSITIVE*

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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.

*INTERPRETATION: CULTURE*

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Results reported as no growth, or identification and susceptibility (aerobic only). Most, but not all cultures, will also include minimum inhibitory concentrations (MIC) with the susceptibility. IDEXX follows the guidelines set by the Clinical and Laboratory Standards Institute (CLSI), formerly the National Committee for Clinical Laboratory Standards (NCCLS), combined with our years of experience in performing susceptibility testing. Susceptibilities will not be performed on normal flora or nonpathogenic organisms. Pathogens with predictable susceptibility patterns, or with no CLSI interpretive standards will be reported with a recommended list of antimicrobials. Examples include  $\beta$ -hemolytic streptococci (beta-strep) and Pasteurella in nonsterile sites. Pathogens that are not suitable for routine susceptibility testing, due to their growth characteristics (i.e. slow-growing, anaerobic) or lack standardized methodology for testing, will be reported with recommended antibiotics. Examples include Corynebacterium pseudotuberculosis and Actinomyces spp.

*NOTES*

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If the RealPCR test is positive for Bordetella Bronchiseptica, a culture with susceptibilities on selective media for Bordetella will be automatically performed at no additional charge. Includes quantification of feline herpesvirus type 1 (FHV-1) viral particles if PCR positive. Includes influenza A strain identification if PCR positive.

*INTERFERENCE*

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[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.