



NOBLE MANES CLINIC

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



Eye Culture (Aerobic with Susceptibility)

IDEXX TEST CODE

IDEXX 414

IDEXX TEST TYPE

Culture

REQUIRED SUPPLIES

Collection Pack: Culture

TURNAROUND TIME

2-5 days if aerobic culture positive, with negative results reported in 2-3 days

TESTS INCLUDED

Aerobic culture (organism ID and eye-specific susceptibility)

SPECIMEN REQUIREMENTS: 414

One culture swab (eSwab) in transport media or conjunctival or corneal scraping in sterile container, WTT (White Top Tube) preferred (no formalin); keep refrigerated. Please specify left or right eye.

STORAGE AND STABILITY

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

TEST COMPONENTS: MICROBIOLOGY

- Aerobic culture (organism ID and eye-specific susceptibility)

INTERPRETATION: CULTURE

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 β -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

Eye, Corneal Scraping - Cleanse the area around the eye with a mild antiseptic. Collect purulent material or corneal scraping with culturette (Keep the eyelid open and avoid touching eyelashes). Topical anesthetic may inhibit bacterial growth.

INTERFERENCE

[Culture] poor sample quality / aged sample / recent antimicrobial or antiviral therapy / anticoagulants / formalin.