



MARCONS- BACTERIAL & FUNGAL CULTURE - Test Code 3418



Turnaround Time: 21-28 business days



Specimen Type: Nasal Swab

Description

Multiple Antibiotic Resistant Coagulase Negative Staphylococci (MARCoNS) refers to a type of antibiotic-resistant staph infection that typically colonises deep within the nasal passages (Marincola et al., 2021). MARCoNS are resistant to multiple antibiotics, making infections difficult to treat. This resistance arises due to their ability to acquire resistance genes and adapt to various environments. Despite their slow growth, MARCoNS can significantly impact health, potentially contributing to chronic fatigue, hormonal imbalances and other systemic issues (Marincola et al., 2021). Testing for MARCoNS becomes particularly relevant in cases where mould exposure is suspected, but it is also relevant for immunocompromised individuals, those with diabetes and frequent antibiotic use.

The test cultures bacteria and fungi from nasal swab samples to identify the presence of MARCoNS and other microbial pathogens, facilitating appropriate treatment options (Marincola et al., 2021). The findings from this test can help guide therapeutic strategies to address not only the bacterial infection but also any underlying mould-related complications.

Whats included?

- Investigate the presence of Multi Antibiotic Resistant Coagulase Negative Staphylococci, as well as a broad variety of commensal bacteria and potential bacterial pathogens with additional fungal culture.

Conditions and Symptoms

- Chronic sinusitis or rhinitis
- Respiratory issues
- Mould exposure
- Chronic health issues
- Chronic fatigue
- Hormonal imbalances
- Frequent antibiotic use
- Immunocompromised

Complementary Testing

- ALCAT Intolerance Test - Moulds (Test code 3308)
- Mycotoxin Panel (Test code 3413)

Accreditations Include:

- NATA ISO 15189 – Requirements for Quality and Competence in Medical Laboratories*
- CLIA – Clinical Laboratories Improvement Amendments*



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