



AUTOIMMUNE ASSESSMENT COMPREHENSIVE - Test Code 3431



Turnaround Time: 5 business days



Specimen Type: 1x SST
Blood

Description

The Autoimmune Assessment Panel Extensive is a comprehensive tool used to identify autoimmune diseases, where the immune system mistakenly attacks the body's own tissues. This panel includes tests for key biomarkers crucial for identifying autoimmune conditions like rheumatoid arthritis, lupus, and Sjögren's syndrome (Mekic et al., 2020; Yu et al., 2021).

ANA is commonly elevated in systemic autoimmune diseases like lupus (Yu et al., 2021). RF is typically high in rheumatoid arthritis and helps differentiate it from other types of arthritis (Mekic et al., 2020). Anti-CCP antibodies are highly specific for rheumatoid arthritis and can predict disease severity and progression (Mekic et al., 2020). Extractable Nuclear Antigen (ENA) tests detect antibodies linked to various connective tissue diseases and dsDNA is particularly associated with lupus (Alsubki et al., 2020; Bauer et al., 2023). Anti-Smooth Muscle Antibodies are often present in autoimmune liver diseases and Anti-Mitochondrial Antibodies is associated with primary biliary cholangitis (Terziroli Beretta-Piccoli et al., 2022; Yokokawa et al., 2021).

Autoimmune disorders often cause symptoms such as joint pain, fatigue, and skin rashes making early diagnosis challenging. Early testing with the Autoimmune Assessment Panel can lead to earlier intervention and improved management of symptoms, preventing further complications.

Whats included?

- Anti-Nuclear Factor (ANA)
- Rheumatoid Factor (RF)
- α-CCP Abs
- Extractable Nuclear Antigen (ENA)
- Double-stranded DNA (dsDNA)
- Anti-Smooth Muscle Antibodies (SMA)
- Anti-Mitochondrial Antibodies (AMA)

Conditions and Symptoms

- Autoimmune disease
- Joint pain or swelling
- Fatigue and muscle weakness
- Dry eyes
- Skin rashes
- Fever
- Hair loss Cognitive issues
- Inflammation

Complementary Testing

- Cytokine Panel (Test code 4004)

Accreditations Include:

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



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For more information
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*See NATA and CLIA website for further details