MosaiQ AiPlex® CTDplus

Connective Tissue Disease Microarray Solution

Provides comprehensive CTD diagnostic insights and workflow efficiency

Autoimmune connective tissue diseases (CTD's) are complex disorders that may present with a wide spectrum of non-specific manifestations and its differential diagnosis remain clinically challenging.[1] These difficulties frequently result in prolonged times between symptoms onset and diagnosis.[1] Evaluation of multiple autoantibodies may assist clinicians in the assessment of these conditions.

Our targeted menu covers 15 markers in one panel.[2-10]

CTD
DFS70/LEDGF
Anti-DFS70 confirms specific anti-nuclear antibodies pattern observed in immunofluorescence.

RA
CCP
Anti-CCP in combination with other markers can help identify connective disease comorbidity.

SLE
dsDNA, Sm, Sm/RNP, Chromatin, Ribosomal P
Anti-Chromatin improves the sensitivity of SLE detection. Anti-Ribosomal P is associated with neuro-psychiatric SLE.

IIM
Jo-1
Anti-Jo-1 are the only autoantibodies included in the current IIM classification criteria.

MCTD
U1RNP and Sm/RNP
Anti-U1RNP and anti-Sm/RNP help to differentiate MCTD.

SjS
SS-A (Ro60), SS-B (La), TRIM21 (Ro52)
Differentiating anti-SS-A 60 from TRIM21 (Anti-SSA 52) is important as TRIM21 may be associated with interstitial lung disease.

SSc
CENP-B, Scl-70, RNA Pol III
These three markers aid the differentiation between diffuse and limited form of SSc.

MCTD: Mixed connective tissue disease
SjS: Sjögren's syndrome
SSc: Systemic sclerosis

CTD: Connective Tissue Disease
RA: Rheumatoid arthritis
SLE: Systemic lupus erythematosus
IIM: Idiopathic inflammatory myopathies

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Fast, Easy, Comprehensive
MosaiQ AiPlex CTDplus

Includes most of the key markers recommended by clinical guidelines[2-4, 6, 7]
As the prevalence of autoimmune rheumatic disorders such as RA will continue to grow,[11] the demand for high-throughput testing solutions will increase. Autoantibody panels may also help identify common comorbidities within connective tissue diseases.

Generates multiple insights in one report with only 10 µl patient sample. One microarray provides up to 15 individual results.

Saves time while avoiding human error with embedded standardized master curve into the RFID tags of all magazines containing microarrays. Additionally, all reagents are equipped with RFID* tags.

* RFID: Radio Frequency Identification

Reduces hands-on time and storage space with ready to use, concentrated onboard reagents and buffers.

Shares key reagents with other panels, enabling combined autoimmunity, allergy, and further testing.

MosaiQ AiPlex CTDplus, runs on the MosaiQ platform, is designed to reduce the time to results for patients with CTD.

Simple Workflow
- Patient sample in, results out in one single step
- QC and calibration embedded

Fast Results
- Same day results
- One sample tube (low volume) for multiple tests

Actionable Insights
- Panels help streamline clinical decision-making for physicians
- Comprehensive panels simplifly complex testing pathways

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Find out more!

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