

AccuDiag™ Scl-70 ELISA Kit: Precision Diagnostic Overview

2559/AD2559ZT1

This infographic outlines the technical specifications and clinical utility of the AccuDiag™ Scl-70 ELISA kit. It highlights the kit's role in diagnosing progressive systemic sclerosis through the quantitative measurement of IgG autoantibodies.

Clinical Utility & Performance



Marker for Progressive Systemic Scleroderma

Quantitatively measures IgG class autoantibodies against Scl-70 in human serum or plasma.



99.0%

Diagnostic Specificity

High-precision testing ensures reliable differential diagnosis for scleroderma.

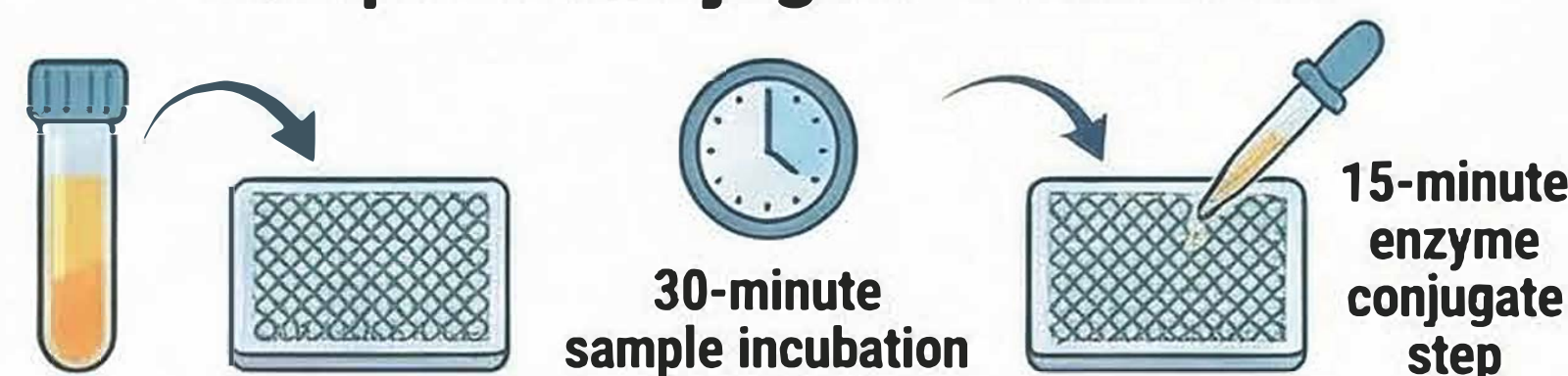


0 – 200 U/mL Detection Range

Provides a broad dynamic range for accurate antibody quantification.

Streamlined Assay Procedure

Sample & Conjugate Incubation



Substrate & Stop Reaction



15-minute substrate incubation before adding stop solution to generate a yellow end-product.

Photometric Reading at 450 nm



Results are calculated based on color intensity correlated to antibody concentration.

Result Interpretation



Positive Results: ≥ 25 U/mL

Concentrations at or above 25 U/mL are considered positive for Scl-70 autoantibodies.



Borderline Range: 15 – 25 U/mL

Results in this range require careful clinical evaluation and potentially follow-up testing.



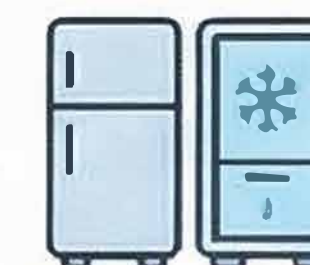
Negative Results: < 15 U/mL

Concentrations below 15 U/mL indicate a negative result for specific Scl-70 antibodies.

Storage & Specimen Requirements



Sample Type:
10 μ L
Serum/Plasma



Storage:
2°C – 8°C (Kit) /
-20°C (Samples)



Total Time:
~65 Minutes
Incubation