

ANTI NUCLEAR ANTIBODIES-LINE IMMUNO ASSAY (ANA-LIA)

INTRODUCTION

It is an indirect membrane based enzyme immunoassay for the **qualitative measurement of IgG class antibodies** against nucleosomes, dsDNA, histones, SmD1, PCNA, ribosomal P0, SS-A/Ro60kD, SS-A/Ro52kD, SS-B/La, CENP-B, Scl70, U1-snRNP, AMA M2, Jo1, PM-Scl, Mi-2 and Ku in human serum or plasma. The assay is intended for invitro diagnostic use only.

FEATURES

The detection of ANA and ENA antibodies is important for **diagnosis of collagenosis** especially of **SLE** (Systemic Lupus Erythematosus) and the **MCTD**, that is strongly associated with SLE and Rheumatic disease. Anti mitochondrial antibodies (AMA) to M2- antigen are specific for PBC and can be detected in 90% of PBC patients. Anti-AMA M2 antibodies also appear frequently in collagenosis prior to clinical symptoms. Jo1, PM-Scl, Mi-2 and Ku are diagnostic markers of poly- and dermatomyositis as well as myositis associated autoimmune disease and overlap syndromes.

TECHNOLOGY INVOLVED

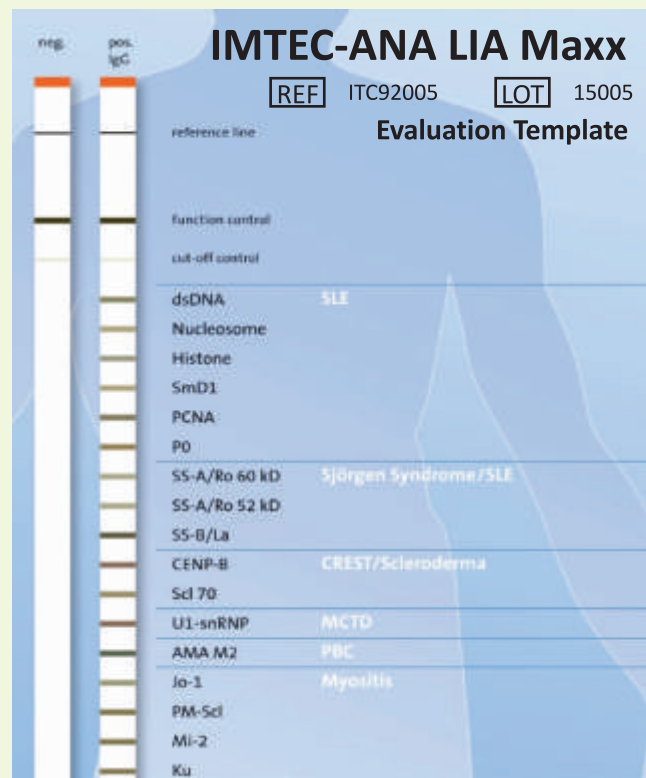
LIA (LINE IMMUNO ASSAY). Nuclear and cytosolic antigens are applied as lines on a nitrocellulose membrane.

SPECIMEN REQUIRED

Serum/Plasma (EDTA/Citrate)

REPORTING TIME

Next day.



****An ANA Profile (Line Immuno Assay) is suggested for ANA positive patients.***