

Technical Data

Kit Size	96 wells
Plate Format	'Break apart' wells
Sample Dilution	1:50
Assay Timing	20/20/10 min at room temperature
Product code	GD74

ANA Ease (ANA Screen)

The Genesis ANA-Ease Screen is a rapid ELISA method for the detection of anti-nuclear antibodies (ANA's) of the IgG isotype.

Anti-nuclear antibodies (ANA) occur frequently in patients with systemic rheumatic diseases, including systemic lupus erythematosus, Sjogren's syndrome, mixed connective tissue disease and CREST syndrome. Other conditions are also associated with increased ANA including tuberculosis and malaria. Many drugs have also been shown to increase ANA.

ANA can be detected by indirect immunofluorescence assay, the usual application of this assay being a screening test for the presence of these antibodies. However, the ELISA method is more convenient to use and can be easily automated, thus permitting efficient screening of large numbers of patient samples.

The Genesis Diagnostics kit collectively detects, in one well, all major anti-nuclear antibodies including dsDNA, histones, SSA/Ro, SSB/La, Sm, Sm/RNP, Scl70, Jo-1 and centromeric proteins.

The assay involves minimal pipetting steps and the results can be read visually or with a microplate reader.

G · E · N · E · S · I · S
Diagnostics

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