

Division of Laboratory Medicine

Immunology

ENA antibodies – includes Ro (SS-A52, SS-A60), La (SS-B), Sm/RNP, RNP (RNPA, RNP68), Sm, Jo-1, Scl70, Ribosomal P and Chromatin

General information

Antibodies to extractable nuclear antigens are of use in the classification of clinical subsets of connective tissue diseases and in providing prognostic information.

Specimen transport: At room temperature

Repeat frequency: Not more than once a year, unless clinical picture has changed

Special precautions: None

Laboratory information

Normal reference range: <0-0.9AI, SCL 0-1.6

Volume and sample type: 7ml serum

Method: Multiplex flow immunoassay

Participation in EQA Scheme: Nuclear and Related Antigens

Turnaround time (calendar days from sample receipt to authorised result): Median - 2

Clinical information

Indications for the test:

- Anti-Ro (SS-A) - SLE, Sjögren's syndrome, neonatal lupus. In pregnancy it may cause congenital defects
- Anti-La (SS-B) - SLE, Sjögren's syndrome, neonatal lupus
- Anti-Sm - SLE
- Anti-RNP - SLE, Mixed connective tissue disease
- Anti-Scl 70 - Progressive systemic sclerosis (generalised scleroderma)
- Anti-Jo-1 - Polymyositis, Dermatomyositis
- Anti-Ribo P - Neuro-SLE
- Anti-Chromatin - SLE nephritis

Factors affecting the test: None

(Last updated June 2022)