

Anti-dsDNA (DSDNA)

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Cerba Lancet Africa

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TEST OVERVIEW

Test Name	Anti-dsDNA
Test Code	DSDNA
Short Description	dsDNA

OVERVIEW

Test Name	Anti-dsDNA
Test Code	DSDNA
Category	Allergy/Autoimmune
TAT	Main Lab: 6, Hour(s) Family Site: <6hrs
Specimen(s)	1 x Venous blood - 5 mL Tube - Gold - SST-Serum Separator Tube

SPECIMEN(S)

SST-Serum Separator Tube

Specimen Type	SST-Serum Separator Tube
Specimen Format	Tube
Specimen Colour	Gold
Specimen Volume	5 mL
Sampling Order	2
Origin	Venous blood
Collection time after baseline	-
Transport Temperature	0°C
Accepted Other Specimens	EDTA Plasma Serum

TAT	Main Lab: 6, Hour(s) Family Site: <6hrs
Test Stability	Room Temp: 24 Hour(s) 2–8°C: 7 Day(s)

CLINICAL INFORMATION

Anti-dsDNA

Methodology	-
Specimen Type	SST-Serum Separator Tube
Delay before pre-treatment	24
Transport Temperature	0°C
Transport Stability at room temp	24 Hours
Transport Stability at 2–8°C	7 Day
Haemolysis interference	No

Clinical Interest

Anti-nuclear antibodies (ANA) are autoantibodies directed against components of the cell nucleus. By extension, they include antibodies recognising certain components of the cytoplasm and cytoskeleton. Along with rheumatoid factors, ANAs are sought whenever a non-organ-specific autoimmune disease is suspected.

ANAs can be divided into antibodies directed against extractable nuclear antibodies (ENA), non-extractable nuclear antigens and antigens located in the cytoplasm.

A positive ANA or ENA often leads to more specific tests, such as anti-dsDNA, anti-Sm, anti-RNP, anti-Ro/SSA and anti-La/SSB, anti-Scl-70 or anti-JO-1 antibodies to differentiate the various autoimmune diseases.

- Systemic lupus **erythematosus** (SLE), with over 95% of patients testing positive.
- The specific antibodies associated are **anti-double-stranded DNA** (anti-ds-DNA), anti-SM, anti-RNP (Ribonucleoproteins), Anti-Ro/SSA and Anti-La/SSB.
- **Sjögren's** syndrome, essentially with Anti-Ro/SSA and Anti-La/SSB.
- Systemic scleroderma is often associated with **anti-centromeres (ACA)** and anti-Topoisomérases I (Anti Scl-70).
- Mixed connective **tissue disease** (MCTD) is often associated with anti-RNP/Sm.
- Dermatomyositis and polymyositis are often associated with **anti-Jo-1**

PATIENT INFORMATION

Clinical Information Required	-
Patient Collection Notes	-

COMMENTS & NOTES

LOINC Code

677-7, 32677-7

Outwork

No