

News

Clinical Laboratory Test Update

Anti-Double-Stranded DNA (anti-dsDNA)

Updated testing methodology

Effective May 14, 2026, the UCHealth Laboratories will adopt a new reference testing methodology from Exsera / Clinical Rheumatology Lab on the Anschutz Medical Campus for anti-dsDNA antibody testing. This updated assay offers higher specificity to better support clinical decision-making.

Order Name	Anti-Double Stranded DNA IgG Antibodies by ELISA
Ordering Synonyms	dsDNA ELISA
Test Name	Anti-Double Stranded DNA IgG Antibodies by ELISA
Methodology	Enzyme linked immunosorbent Assay (ELISA)
Results Units	IU/ml
Reference Range	≤ 200
Interpretive Data	0-200 Negative 201-300 Equivocal 301-800 Moderate Positive >801 Strong Positive
EPIC Order Code	LAB5254
Turnaround Time	5 Days
Volume	1.0 mL serum (minimum 0.5 mL)

The presence of antibodies to dsDNA can be used in conjunction with clinical findings and other laboratory tests to aid in the diagnosis of Systemic Lupus Erythematosus (SLE). Anti-dsDNA ELISA is an enzyme-linked immunosorbent assay for the semi-quantitative detection of dsDNA autoantibodies in human serum. dsDNA ELISA will replace the enzyme-labelled anti-isotype assay (EliA™) currently performed.

Please call Exsera / Clinical Rheumatology Lab at 303.724.7604 if you have any questions or visit our test catalog at <https://www.testmenu.com/universityhospital> for additional information.