

Double-Stranded DNA (dsDNA) IgG Antibodies, *Crithidia luciliae* Immunofluorescence Screen, Serum

Test ID: CRTHS

Useful for:

Evaluation and management of anti-double-stranded DNA IgG antibodies in patients with clinical features of systemic lupus erythematosus (SLE) or at-risk for disease

This test **should not** be used independently for the diagnosis and management of patients with SLE.

Reflex Tests:

Test ID	Reporting Name	Available Separately	Always Performed
CRTHT	dsDNA Ab IFA Titer, IgG, S	No	No

Methods:

Indirect Immunofluorescence Assay (IFA)

Reference Values:

DOUBLE-STRANDED DNA (dsDNA) IgG ANTIBODIES, *CRITHIDIA LUCILIAE* IMMUNOFLUORESCENCE SCREEN

Negative (<1:10)

Reference values apply to all ages.

DOUBLE-STRANDED DNA (dsDNA) IgG ANTIBODIES, *CRITHIDIA LUCILIAE* IMMUNOFLUORESCENCE TITER

Negative (<1:10)

Specimen Requirements:

Supplies:	Sarstedt Aliquot Tube, 5 mL (T914)
Container/Tube:	Plastic vial
Preferred:	Serum gel
Acceptable:	Red top
Specimen Volume:	0.8 mL Serum

Collection Instructions: Centrifuge and aliquot serum into a plastic vial.

Minimum Volume: 0.8 mL Serum

Specimen Stability Information:

Specimen Type	Temperature	Time
Serum	Refrigerated (preferred)	7 days
	Frozen	21 days

Cautions:

IgG antibodies to double-stranded DNA (dsDNA) using the *Crithidia luciliae* by indirect immunofluorescence test (CLIFT) should not be relied upon exclusively to diagnose and manage patients with systemic lupus erythematosus (SLE).

Compared to some solid-phase immunoassays, CLIFT is specific but lacks diagnostic sensitivity for SLE. A more sensitive semi-quantitative enzyme linked immunosorbent assay for assessing IgG antibodies to dsDNA is also available, see test ADNA1 / Double-Stranded DNA (dsDNA) Antibodies, IgG, Serum.

A negative result does not exclude a diagnosis of SLE.

CPT Code:

86255

Day(s) Performed: Monday through Friday

Report Available: 2 to 4 days

Questions

Contact Melissa Derksen, Laboratory Resource Coordinator at 800-533-1710.