

**Specimen Collected: 09-Mar-21 11:52**

**dsDNA Ab, IgG w/ Reflex to IFA Titer** |Received: 09-Mar-21 11:52 | Report/Verified: 09-Mar-21 12:14

Procedure	Result	Units	Reference Interval
Double-Stranded DNA (dsDNA) Ab IgG ELISA	25 <sup># i1</sup>	IU	0-24

**dsDNA (Crithidia luciliae) Ab IgG by IFA** |Received: 09-Mar-21 11:52 | Report/Verified: 09-Mar-21 12:16

Procedure	Result	Units	Reference Interval
Double-Stranded DNA (dsDNA) Ab IgG IFA	<1:10 <sup>i2</sup>		<1:10

**Test Information**

i1: Double-Stranded DNA (dsDNA) Ab IgG ELISA  
 INTERPRETIVE INFORMATION: Double-Stranded DNA (dsDNA) Ab IgG ELISA  
 24 IU or less.....Negative  
 25-30 IU.....Borderline Positive  
 30-60 IU.....Low Positive  
 60-200 IU.....Positive  
 201 IU or greater....Strong Positive

Positivity for anti-double stranded DNA (anti-dsDNA) IgG antibody is a diagnostic criterion of systemic lupus erythematosus (SLE). Specimens are initially screened by enzyme-linked immunosorbent assay (ELISA). All ELISA results reported as "detected" (positive) are confirmed by a highly specific IFA titer (Crithidia luciliae indirect fluorescent test [CLIFT]). Some patients with early or inactive SLE may be positive for anti-dsDNA IgG by ELISA but negative by CLIFT. If the patient is negative by CLIFT but positive by ELISA and clinical suspicion remains, consider antinuclear antibody (ANA) testing by IFA. Additional information and recommendations for testing may be found at <http://www.arupconsult.com/Topics/AutoimmuneDz/ConnectiveTissueDz/index.html>.

i2: Double-Stranded DNA (dsDNA) Ab IgG IFA  
 INTERPRETIVE INFORMATION: Double-Stranded DNA (dsDNA) Antibody, IgG by IFA (using Crithidia luciliae)

Positivity for anti-double stranded DNA (anti-dsDNA) IgG antibody is a diagnostic criterion of systemic lupus erythematosus (SLE). The presence of the anti-dsDNA IgG antibody is identified by IFA titer (Crithidia luciliae indirect fluorescent test [CLIFT]). CLIFT is highly specific for SLE with a sensitivity of 50-60 percent.

Some patients with early or inactive SLE may be positive for anti-dsDNA IgG by ELISA but negative by CLIFT. If the CLIFT result is negative but the patient has a positive ELISA and clinical suspicion remains, consider antinuclear antibody (ANA) testing by IFA. Additional information and recommendations for testing may be found at <http://www.arupconsult.com/Topics/AutoimmuneDz/ConnectiveTissueDz/index.html>.

\*=Abnormal, #=Corrected, C=Critical, f=Result Footnote, H-High, i-Test Information, L-Low, t-Interpretive Text, @=Performing lab

**Unless otherwise indicated, testing performed at:**

**ARUP Laboratories**

500 Chipeta Way, Salt Lake City, UT 84108

Laboratory Director: Tracy I. George, MD

**ARUP Accession:** 21-068-900140

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