

## Testing Changes - dsDNA Antibody IgG Testing

**Notification Date:** 01/08/2024

**Effective Date:** 01/16/2024

**Explanation:** Effective January 16<sup>th</sup>, testing for double stranded DNA (dsDNA) antibodies will have two options for screening/diagnosis and monitoring of systemic lupus erythematosus (SLE).

- 1) dsDNA Antibody IgG by Multiplex Flow Immunoassay (MFI)
- 2) dsDNA Antibody IgG by Multiplex Flow Immunoassay (MFI) with reflex to IFA using Crithidia.

At this time the current test dsDNA Antibody by IFA using Crithidia [DSDNA/LAB2290] **will no longer be orderable.**

### Test Information:

Epic Code	Sunquest Order Code	Epic Name	Useful For
LAB5476	DSDNBB	dsDNA AB, IgG	<b>Monitoring disease</b> activity in systemic lupus erythematosus (SLE) patients previously positive for double-stranded DNA IgG antibodies.
LAB5257	DSDNWR	dsDNA Ab with Reflex IgG	<b>Screening and diagnosis</b> of patients with clinical features or at-risk for systemic lupus erythematosus. Patients with equivocal or positive results will reflex to indirect immunofluorescence (IFA) using Crithidia luciliae.

### Specimen Collection:

	<b>dsDNA AB, IgG</b> (DSDNBB/LAB5476)	<b>dsDNA Ab with Reflex IgG</b> (DSDNWR/LAB5257)
Collection	Collect blood in a serum separator or red top tube.	Collect blood in a serum separator or red top tube.
Transport	Centrifuge and aliquot 0.25 mL into a plastic transport vial. Send refrigerated. (Minimum volume: 0.15 mL).	Centrifuge and aliquot 0.25 mL into a plastic transport vial. Send refrigerated. (Minimum volume: 0.15 mL).
Methodology	Multiplex Flow Immunoassay (MFI)	Multiplex Flow Immunoassay (MFI) IFA, if applicable
Performed	MFI: Monday - Friday	MFI: Monday - Friday IFA: Monday and Thursday
Analytical Time	4 hours	4 hours
Stability	Refrigerated: 7 days - Preferred Frozen: 30 days Ambient: 4 hours	Refrigerated: 7 days - Preferred Frozen: 30 days Ambient: 4 hours
CPT Code	86225	86225; 86256 (if appropriate)

Questions: Please contact the Clinical Laboratory

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