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DISMISS



## Deaminated Gliadin Antibodies, IgG

**TEST: 161687** CPT: 83516

Synonyms • DGP, IgG

Expected Turnaround Time 1 - 3 days

Turnaround Time Turnaround time is defined as the usual number of days from the date of pickup of a specimen for testing to when the result is released to the ordering provider. In some cases, additional time should be allowed for additional confirmatory or additional reflex tests. Testing schedules may vary.

Related Documents • [Sample Report](#)

### SPECIMEN REQUIREMENTS

Specimen Serum

Volume 1 mL

Minimum Volume 0.3 mL (**Note:** This volume does **not** allow for repeat testing.)

Container Red-top tube or gel-barrier tube

Collection Specimen should be free of bacterial contamination, hemolysis, and lipemia.

Storage Instructions Room temperature

Stability

Requirements	Temperature	Period
	Room temperature	14 days
	Refrigerated	14 days
	Frozen	14 days
	Freeze/thaw cycles	Stable x3

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Causes for Rejection Hemolysis; lipemia; gross bacterial contamination

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#### TEST DETAILS

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Use Detection of gliadin antibodies aids in the diagnosis and monitoring of certain gluten-sensitive enteropathies, such as celiac disease and dermatitis herpetiformis.

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Methodology Enzyme immunoassay (EIA)

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Additional Information A negative IgA result in an untreated patient does not rule out gluten-sensitive enteropathies, especially when associated with IgG gliadin antibodies. This can be explained by selective IgA deficiency, a relatively frequent finding in celiac disease. False-positives are possible as other gastrointestinal disorders are known to induce circulating antigliadin antibody, mainly Crohn disease, food protein intolerance, and postinfection malabsorption.

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References Burgin-Wolff A, Gaze H, Hadziselimovic F, et al. Antigliadin and antiendomysium antibody determination for coeliac disease. *Arch Dis Child*. 1991 Aug;66(8):941-947. [PubMed 1819255](#)

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