

TEST CHANGE

Deamidated Gliadin Peptide (DGP) Antibody, IgA
0051357, GLIADPEP A

Specimen Requirements:	
Patient Preparation:	
Collect:	Serum separator tube (SST) .
Specimen Preparation:	Separate serum from cells ASAP or within 2 hours of collection. Transport 1.0-5 mL serum. (Min: 0.5-3 mL)
Transport Temperature:	Refrigerated.
Unacceptable Conditions:	Plasma or other body fluids -Contaminated, grossly hemolyzed, grossly icteric, or grossly lipemic specimens .
Remarks:	
Stability:	After separation from cells: Ambient: 48 hours; Refrigerated: 1 week 2 weeks; Frozen: 15 days 1 year
Methodology:	Semi-Quantitative Particle-Based Multianalyte Technology (PMAT) Enzyme-Linked Immunosorbent Assay
Performed:	Sun-Sat
Reported:	1-2 days
Note:	<u>The most sensitive and specific serologic test for celiac disease diagnosis is tissue transglutaminase (tTG) IgA isotype in individuals who produce sufficient total IgA. Deamidated gliadin (DGP), IgA should not be used for initial screening due to its low specificity and only a very small number of cases being missed by excluding DGP, IgA. For individuals who are IgA deficient, testing for tTG and deamidated gliadin (DGP), IgG antibodies is recommended. Preferred initial screening test for celiac disease diagnosis is the reflexive cascade (ARUP test code 3016817). While ordering for celiac disease diagnosis, all serology tests should be performed while the patient is on a gluten-containing diet. Upon initiation of gluten-free diet, antibody titers decline in the treatment responsive patients and the timeframe to normalize varies by case. If serology is negative and suspicion for celiac disease is strong, intestinal biopsy may still be warranted for establishing diagnosis.</u>
CPT Codes:	86258

New York DOH Approval Status: This test is New York DOH approved.

Interpretive Data:

A positive deamidated gliadin (DGP) IgA antibody result is associated with celiac disease but is not to be used as an initial screening test due to its low specificity and only occasional positivity in celiac disease patients who are negative for tissue transglutaminase (tTG) IgA antibody.

Inserted Cells

Reference Interval:

Test Number	Units	Negative	Components	Reference Interval
19	Units or less	Negative		
20-30	Units	Weak Positive		
31	Units or greater	Positive		
			Deamidated Gliadin Peptide (DGP) Ab. IgA	0.00-4.99 FLU

Deleted Cells

Inserted Cells

Inserted Cells

HOTLINE NOTE: There is a reflexive pattern change associated with this test. One or more orderable or component has been added or removed to the reflexive pattern. Refer to the Hotline Test Mix for interface build information.

HOTLINE NOTE: There is a numeric map change associated with this test. Refer to the Hotline Test Mix for interface build information.

HOTLINE NOTE: There is a unit of measure change associated with this test. Refer to the Hotline Test Mix for interface build information.