



Excellence in Pathology Services

Test Update

From Your Laboratory Service Provider, PathGroup Labs

Methodology change for Gliadin IgA and IgG

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This change will take effect March 28, 2011

Overview and Clinical Utility:

Effective March 28, 2011, PathGroup Labs will begin performing Gliadin IgA II (DGP) and Gliadin IgG II (DGP). Deamidated Gliadin Antibodies (DGP) binds to the HLA- DQ2 or –DQ8 cells commonly found in Celiac disease. Manufacturers have found that the use of Gliadin (DGP) in their EIA assays have greatly improved the sensitivity and specificity of the test. The original anti-Gliadin assays are relatively nonspecific because they use intact gliadin. Gliadin (DGP) assays are ordered to help rule out Celiac Disease. Celiac disease is an inherited, autoimmune disease in which the lining of the small intestine is damaged from eating gluten and other proteins found in wheat, barley, rye, and possibly oats. Patients with Celiac Disease have higher than normal levels of Gliadin Peptide (DGP) Antibodies, IgA & IgG in their blood.

Test Methodology: ELISA

Ordering:

Test code:	Test:	CPT:	LOINC:
GAA	Deamidated Gliadin Peptide (DGP) IgA	83516	58709-7
GGA	Deamidated Gliadin Peptide (DGP) IgG	83516	58710-5

New Test:

Previous Test:

Methodology: ELISA	Methodology: EIA
Negative : <20 Units Weak Positive: 20 – 30 Units Positive: > 30 Units	Negative : ≤ 15 Units Positive : > 15 Units
Units: Units	Units: U/mL

Note: No reference ranges established for pediatric population.

Specimen Collection and Storage:

- 1) Collect specimen in a serum separator tube.
 - a) Allow serum tube to clot for 30 minutes.
 - b) Spin serum separator tube 10-15 minutes @ 3500 rpm.
- 2) Serum specimens are stable refrigerated for 2 days or frozen for 30 days.

Test Performed:

Monday - Wednesday - Friday

Turnaround time:

2 - 3 days

For further questions, please contact Client Services at 615-562-9300 or 1-888-474-5227.

PathGroup, Inc.

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