Excellence in Pathology and Laboratory Services

Test Update

From Your Laboratory Service Provider, PathGroup Labs

Testing Provided on Site for Gliadin, IgA & IgG

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This change will take effect March 1, 2010

Overview and Clinical Utility:
Effective March 1, 2010, PathGroup Labs will begin performing Gliadin IgA and Gliadin IgG testing in house. Antibodies against gliadin are of major significance and have been an important tool for the diagnosis of celiac disease. Circulating IgG and IgA antibodies to gliadin are found in the serum of most, but not all, celiac disease patients. The disease is HLA-associated and manifests at any age with a peak onset in early childhood, even in neonatals. Antibodies to gliadin may be the only serological marker in neonates, as anti-tTG and anti-endomysium antibodies are not present at this age. Consequently, anti-gliadin antibodies are the earliest serological marker for pediatricians when diagnosing celiac disease.

Test Methodology: The Bio-Rad Autoimmune EIA Anti-Gliadin IgA and Gliadin IgG tests are solid phase enzyme immunoassays for the semi-quantitative detection of IgA and IgG antibodies against gliadin in human serum. Testing will be performed on the BioRad Evolis.

Ordering:

Test:	Test Name:	CPT:	LOINC:
GAA	**Gliadin ,IgA**	**83516**	**6294-5**
GGA	**Gliadin, IgG**	**83516**	**5170-6**

New Test:	Previous Test:
Methodology: Enzyme immunoassay	Methodology: ELISA
Negative : ≤ 15 U/mL Positive : > 15 U/mL	Negative : ≤ 19 Units Weak Positive : 20-30 Units Positive : ≥ 31 Units
Units: U/mL	Units: Units

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 3 days.
3) Transport specimen refrigerated.

Test Performed:
Monday - Wednesday - Friday

Turnaround time:
2 - 4 Days

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