

Patient Name : Demo Patient Name
Age / Sex : 74 Y / F
Referred By : DEMO HOSPITAL
Centre : HOD Head Office

Lab No : Demo Visit No
Registration On : 23-Jul-25 10:26
Patient ID : UHID.DEMO.001

Gliadin Antibodies [IgA & IgG]

Accession No: DEMO_BARCODE **Collected On:** 23-Jul-25 10:26 **Received On:** 23-Jul-25 16:25 **Approved On:** 23-Jul-25 18:39

Observation	Result	Unit	Biological Ref. Interval	Method
Gliadin (Deamidated) Antibody [IgA]	< 5.2	CU	<20	CLIA
Gliadin (Deamidated) Antibody [IgG]	< 2.8	CU	<20	CLIA

Interpretation:

Result in Cutoff Unit (CU)	Interpretation
<20	Negative
20-30	Weak Positive
>30	Positive

Notes:

- Deamidated Gliadin peptides (DGP) have increased sensitivity and specificity for celiac disease than unmodified gliadin peptide
- DGP, IgA is more specific but less sensitive marker for Celiac disease than DGP, IgG
- False positive results can be observed in Crohn's disease, food protein (cow milk) intolerance and post infection malabsorption

Comments:

Celiac sprue is a disorder characterized by intestinal malabsorption of nutrients due to sensitivity to an alcohol - soluble portion of gluten known as gliadin. The prevalence of the disease is estimated to be between 1 in 300 to 1 in 1000. Anti Gliadin antibodies (AGA) are generated against dietary gliadin in two forms namely IgG & IgA. This disease may be associated with selective IgA deficiency that will give rise to false negative AGA-IgA results. Hence simultaneous testing with AGA-IgG and Total serum IgA levels is recommended if there is a high clinical suspicion of Celiac disease.

Notes : A useful test for exclusion of Celiac disease is HLA - DNA testing for the presence of DQ2 (DQB1*02, DQA1*05) and DQ8 (DQB1*03, DQA1*03). Celiac disease can be excluded in 90% cases If all these alleles are negative.

Remarks: Please correlate with clinical conditions



This is a Demo Signature
and the doctor's signature should appear here

In case of any unexpected or alarming results, please contact us immediately for re-confirmation, clarifications, and rectifications, if needed.

