

**Patient Name :** Demo Patient Name  
**Age / Sex :** 14 Y / F  
**Referred By :** DEMO HOSPITAL  
**Centre :** HOD Head Office

**Lab No :** Demo Visit No  
**Registration On :** 08-Jul-25 16:42  
**Patient ID :** UHID.DEMO.001

## Gliadin Antibody [IgA]

Serum Sample

**Accession No:** DEMO\_BARCODE    **Collected On:** 08-Jul-25 16:42    **Received On:** 08-Jul-25 18:48    **Approved On:** 08-Jul-25 20:09

Observation	Result	Unit	Biological Ref. Interval	Method
Gliadin (Deamidated) Antibody [IgA]	< 5.2	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.

