



TEST ID: Gut Health Profile (GHP)
DESCRIPTION: Deamidated Gliadin Peptide (DGP) Antibodies

COMPONENTS

Deaminated Gliadin Peptide Antibody- IgA Isotype
Deaminated Gliadin Peptide Antibody, IgG Isotype

CLINICAL USE

This test offers better sensitivity and specificity than the original anti-gliadin antibody tests. It is a useful in the serologic diagnosis of celiac disease when the tTG antibody tests are low or negative, which can occur in young children and in individuals that are IgA deficient. The DGP antibodies can also be used to monitor gluten-free diet therapy.

SPECIMEN INFORMATION

COLLECTION

Full Gold Top SST Tube (use serum collection tube in collection kit)

SPECIMEN STABILITY

Must be received within 24 hrs (Optimal) to 48 hrs of collection

REJECTION CRITERIA

Hemolyzed, storage beyond temp/time limits, or plasma submitted

METHOD

ELISA

RESULT INTERPRETATION

Negative <20 units: No antibody detected

Weak Positive 20-30 units: Additional serologic testing, such as tTG antibodies, might be useful to help establish serologic evidence of celiac disease.

Positive >30 units: Serologic evidence of celiac disease, confirm with other tests methods and clinical findings.

Gluten restricted diet: Antibody levels should decrease or become undetectable after 6-12 months.

CPT CODES

Deamidated Gliadin Peptide (DGP) Antibodies (IgG, IgA) 83516

REFERENCES

1. Pelkowski TD, Viera AJ: Celiac Disease:Diagnosis and Management. Am Fam Phys 2014;89(2) 99-105
2. Rubio-Tapia A, et al:ACG Clinical Guidelines: Diagnosis and Management of Celiac Disease. AM J Gastro 2013;108(5) 656-76.