

Client
Gurugram
Pathkind Diagnostics Pvt. Ltd.
Plot No. 55-56, Udhog Vihar Ph-IV, Gurugram - 122015

Processed By
Pathkind Diagnostics Pvt. Ltd.
Plot No. 55-56, Udhog Vihar Ph-IV, Gurugram - 122015

Name : Mrs. SE246	Billing Date : 07/07/2023 12:36:54
Age : 32 Yrs	Sample Collected on : 10/07/2023 10:01:31
Sex : Female	Sample Received on : 10/07/2023 11:02:13
P. ID No. : P1000100013134	Report Released on : 19/07/2023 10:32:07
Accession No : 10002305190	Barcode No. : 10002305190-01
Referring Doctor : Self	
Referred By :	Ref no. :

Report Status - Final

Test Name	Result	Biological Ref. Interval	Unit
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SEROLOGY

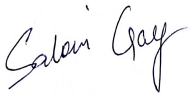
# Tissue Transglutaminase, DGP TTG-DGP Screen <i>Sample: Serum</i>	10.20		Units
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Tissue Transglutaminase, DGP

1. A positive result indicates the presence of Gliadin peptide and/or h-tTG IgG and/or IgA antibodies and suggests the possibility of certain Gluten sensitive enteropathies such as Celiac disease.
2. A negative result indicates absence of Gliadin peptide and/or tTG IgG or IgA antibodies or levels below the cut-off of the assay. In an untreated patient, this does not rule out the possibility of Gluten-sensitive enteropathy.
3. In cases of high antibody levels without characteristic histological findings, the recommended test is Endomysial Antibody (EMA).
4. Since this assay detects both IgG & IgA antibodies to Deamidated Gliadin & tTG, Celiac disease can be accurately detected even with coexistent IgA deficiency

Celiac disease is characterized by small intestinal damages with flat mucosa leading to malabsorption with depletion of key nutrients. Tissue transglutaminase is one of the main endomysial autoantigens that can be easily detected for the diagnosis of Celiac disease. Deamidation of gliadin results in enhanced binding of gliadin antibodies. Based on this information, assays using Deamidated gliadin peptides bearing the celiac-specific epitopes have much higher diagnostic accuracy for Celiac disease when compared to standard gliadin assays. This test detects both IgA sufficient and IgA deficient Celiac disease.

** End of Report **



Dr. Saloni Garg

MD
Consultant Microbiology

