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Name	Master. LAKSHAY	Collection Date	27-Dec-2021 01:30 PM
Age/Sex	05 Years/Male	Specimen Received	27-Dec-2021 05:53 PM
Institution	Cygnus SuperSpeciality Hospital, Rewari	Report Date	27-Dec-2021 09:48 PM
Lab ID	012112270163	Print Date	06-Jan-2022 02:37 PM
Vial ID	11301368	Status	Final Report
	Ordering Physician Self		
	Specimen Collected by Surender Kumar		

Immunology

Test Name	Status	Result	Unit	Reference Interval
Tissue Transglutaminase Antibody IgA H <small>Method : ELISA Sample Type : Serum</small>		300.17	U/mL	Negative < 12 Borderline 12-18 Positive > 18

Interpretation

Tissue Transglutaminase (tTG) test was performed by a solid phase enzyme immunoassay for the quantitative and qualitative detection of antibodies against neo-epitopes of tissue transglutaminase (tTG) in human serum.

Clinical Significance

Gluten-sensitive enteropathy or celiac disease is characterized by atrophy of the small intestinal villi leading to a so-called flat mucosa. It is caused by a pathological intolerance to gliadin, the alcohol-soluble fraction of gluten in wheat, rye and barley. As celiac disease is caused by the uptake of gluten, consequently a gluten-free diet cures the disease completely and thus has to be maintained for life-time.

Diagnosis of celiac disease is made by small intestinal biopsy (demonstrating flat mucosa) supported by serological markers. Antibodies against gliadin and anti-endomysial antibodies (EMA) are of major significance.

The diagnostic specificity of tissue transglutaminase (tTG) antibodies for Celiac disease is 95 -100%. The diagnostic sensitivity of tissue transglutaminase (tTG) antibodies for Celiac is 98 - 100%.

*** End Of Report ***

For related test information on this accession, please visit website www.molq.in or email at contact@molq.in

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