Celiac Disease Panel - Pediatric

Order Name: **PED CELIAC**
Test Number: 5537675
Revision Date: 04/03/2024

TEST NAME	METHODOLOGY	LOINC CODE
Tissue Transglutaminase IgA (IgA anti-tTG)	Chemiluminescence Assay	46128-5
Gliadin Deamidated Antibody, IgA	Chemiluminescence Assay	63453-5
Immunoglobulin IgA Quantitative	Turbidometric	2458-8
.Celiac Pediatric Interp	Interpretive information.	

SPECIMEN REQUIREMENTS

Specimen	Specimen Volume (min)	Specimen Type	Specimen Container	Transport Environment
Preferred	**1 mL (0.5 mL)**	**Serum**	**Clot Activator SST**	**Refrigerated**
Instructions	Allow specimen to clot completely at room temperature. **Separate serum from cells ASAP or within 2 hours of collection.** Stability After separation from cells: Ambient 8 hours, Refrigerated 2 days, Frozen 30 days (avoid repeated freeze/thaw cycles).			

GENERAL INFORMATION

Testing Schedule	Mon, Wed, Fri
Expected TAT	2-5 Days
Clinical Use	Serologic testing for Celiac Disease (CD) in children less than 3 years of age should be interpreted knowing that the IgA anti-tissue Transglutaminase (IgA anti-tTG) is approximately 90% sensitive in children of this age. In older children and adults, the sensitivity increases to 96%. In children less than 3 years of age, IgG anti-tTG is not reliable. IgA deficiency is 10-15 times more common in patients with CD, occurring in an estimated 2-3% of the patients with CD. IgA and IgG anti-deaminated gliadin peptide (DGP) are also useful markers in CD.
Notes	Recent literature has reported that Celiac disease (CD) is a more common disorder in the United States than previously recognized.
CPT Code(s)	86258 82784, 86364
Service Provided By	labcorp Oklahoma, Inc.