

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 |
| Lab Section | Immunology - Serology |