

HOTLINE: Effective February 16, 2021

2008114 Celiac Disease Reflexive Cascade

CELIAC REF

Methodology: Quantitative **Immunoturbidimetry**/Semi-Quantitative Enzyme-Linked Immunosorbent Assay//Semi-Quantitative Indirect Fluorescent Antibody

Specimen Required: Collect: Serum separator tube.

Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer **3 mL** serum to an ARUP Standard Transport Tube. (Min: **1.5 mL**)

Storage/Transport Temperature: Refrigerated.

Unacceptable Conditions: Plasma. Contaminated, hemolyzed, grossly icteric or grossly lipemic specimens.

Stability (collection to initiation of testing): After separation from cells: Ambient: **Unacceptable**; Refrigerated: **14 days**; Frozen: **6 months (avoid repeated freeze/thaw cycles)**

Reference Interval:

Test Number	Components	Reference Interval
0050340	Immunoglobulin A	Effective February 16, 2021
		0-2 years: 2-126 mg/dL
		3-4 years: 14-212 mg/dL
		5-9 years: 52-226 mg/dL
		10-14 years: 42-345 mg/dL
0051689	Celiac Disease Dual Antigen Screen	19 Units or less
		Negative - No significant level of detectable IgA or IgG antibodies against human tissue transglutaminase or gliadin peptide.
		20 Units or greater
0051357	Deamidated Gliadin Peptide (DGP) Antibody, IgA	Positive - Presence of IgA and/or IgG antibodies against human tissue transglutaminase and/or gliadin peptide; suggests possibility of certain gluten sensitive enteropathies such as celiac disease and dermatitis herpetiformis.
		19 Units or less
		Negative
		20-30 Units
0051359	Deamidated Gliadin Peptide (DGP) Antibody, IgG	Weak Positive
		31 Units or greater
		Positive
0097709	Tissue Transglutaminase (tTG) Antibody, IgA	
		3 U/mL or less
		Negative
		4-10 U/mL
0050736	Endomysial Antibody, IgA by IFA	Weak Positive
		11 U/mL or greater
		Positive
0056009	Tissue Transglutaminase Antibody, IgG	Less than 1:10
		5 U/mL or less
		Negative
		6-9 U/mL
		Weak Positive
		10 U/mL or greater
		Positive