Celiac Disease Comprehensive Cascade

CDCOM / Celiac Disease Comprehensive Cascade
Testing begins with
- Immunoglobulin A (IgA), Serum and
- Celiac-associated HLA-DQ Typing

Deficient IgA
(<1.0 mg/dL)

Low IgA
(≥1.0 mg/dL but below the age-matched reference values)

Selective IgA deficiency

Normal or elevated IgA

Tissue Transglutaminase (TG) IgA Antibodies, Serum

Weak Positive
(4.0-10.0 U/mL)

- Endomysial Antibodies (IgA), Serum
- Gliadin (Deamidated) Antibody, IgA, Serum

Interpretive report includes:
- Serum IgA
- Celiac-associated HLA-DQ typing
- Tissue transglutaminase antibody, IgA
- Endomysial antibody, IgA
- Gliadin (deamidated) antibody, IgA
- Interpretive comments

Positive or Negative
(>10.0 U/mL or <4.0 U/mL)

- Tissue Transglutaminase (TG) Antibodies, IgA and IgG Profile, Serum
- Gliadin (Deamidated) Antibodies Evaluation, IgG and IgA, Serum

Interpretive report includes:
- Serum IgA
- Celiac-associated HLA-DQ typing
- Tissue transglutaminase antibodies, IgA and IgG
- Gliadin (deamidated) antibodies, IgA and IgG
- Interpretive comments

Selective IgA deficiency

Tissue Transglutaminase (TG) Antibodies, IgG, Serum

Interpretive report includes:
- Serum IgA
- Celiac-associated HLA-DQ typing
- Tissue transglutaminase antibody, IgG
- Gliadin (deamidated) antibody, IgG
- Interpretive comments