Celiac Disease Comprehensive Cascade

Testing begins with:
- Immunoglobulin A (IgA)
- Celiac-associated HLA-DQ typing

**Selective IgA deficiency**

**Deficient IgA (<1.0 mg/dL)**

- Tissue transglutaminase (tTG) antibody, IgA
- Gliadin (deamidated) antibody, IgA

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

- Tissue transglutaminase antibodies, IgA and IgG profile
- Gliadin (deamidated) antibodies evaluation, IgG and IgA

**Normal or elevated IgA**

- Tissue transglutaminase, IgA antibodies

**WEAK POSITIVE (4.0-10.0 U/mL)**

- Endomysial antibodies (IgA)
- Gliadin (deamidated) antibody, IgA

**POSITIVE or NEGATIVE (>10.0 U/mL or <4.0 U/mL)**

- Endomysial antibodies, IgA
- Gliadin (deamidated) antibody, IgA

Interpretive report includes:
- Serum IgA
- Celiac-associated HLA-DQ typing
- Tissue transglutaminase antibody, IgA
- Interpretive comments

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