Celiac Disease Serology Cascade

CDSP / Celiac Disease Serology Cascade
Testing begins with Immunoglobulin A (IgA), Serum

- Deficient IgA (<1 mg/dL)
  - Low IgA (≥1 mg/dL but below the age-matched reference values)
    - Tissue Transglutaminase (tTG) Antibodies, IgA and IgG Profile, Serum
    - Gliadin (Deamidated) Antibodies Evaluation, IgG and IgA, Serum
  - Selective IgA deficiency
    - Tissue Transglutaminase (tTG) Antibody, IgG, Serum
    - Gliadin (Deamidated) Antibody, IgG, Serum
- Normal or elevated IgA
  - Positive or Negative (>10.0 U/mL or <4.0 U/mL)
    - Interpretive report includes:
      - Serum IgA
      - Tissue transglutaminase antibody, IgA
      - Endomysial antibody, IgA
      - Gliadin (deamidated) antibody, IgA
      - Interpretive comments
  - Weak Positive (4.0–10.0 U/mL)
    - Endomysial Antibodies (IgA), Serum
    - Gliadin (Deamidated) Antibody, IgA, Serum
    - Interpretive report includes:
      - Serum IgA
      - Tissue transglutaminase antibody, IgA
      - Endomysial antibody, IgA
      - Gliadin (deamidated) antibody, IgA
      - Interpretive comments