

# MEMORANDUM

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*January 15, 2018*

## ***CELIAC DISEASE TESTING***

Effective February 1, 2018, orders for celiac disease screening and diagnostic testing will be performed at ARUP laboratories.

### **Recommended test:**

1. Celiac disease reflexive cascade (ARUP test code 2008114)
  - a. Includes quantitative IgA and tTG, IgA.
  - b. If low quantitative IgA, tTG, IgG will be performed.
  - c. Depending on initial results, one or more of the following tests may be added:
    - i. Endomysial Antibody, IgA
    - ii. Deamidated Gliadin Peptide (DGP) antibody, IgA
    - iii. Deamidated Gliadin Peptide antibody, IgG
    - iv. Celiac disease dual antigen screen

ARUP diagnostic laboratory testing replaces the Prometheus Celiac Serology panel which included tTG, IgA; Endomysial antibody, IgA; DGP, IgA and IgG; total IgA.

[Celiac Disease Testing Symptomatic Individuals Algorithm](#)

### **TO ORDER:**

- **Celiac Disease Reflexive Cascade (ARUP test code 2008114)**
- **Performed:** Sunday - Saturday
- **Reported:** 2 – 6 days
- **Ordering Recommendations:** Preferred reflex screening test for celiac disease. May aid in monitoring adherence to gluten-free diet.
- **Collect :** Serum separator tube.
- **Specimen Preparation:** Separate serum from cells ASAP or within 2 hours of collection. Transfer 2 mL serum to an ARUP Standard Transport Tube. (Min: 1 mL)
- **Unacceptable Conditions:** Plasma. Contaminated, hemolyzed, grossly icteric or grossly lipemic specimens.
- **Storage/Transport Temperature:** Refrigerated
- **Stability (from collection to initiation):** After separation from cells:
  - Ambient: 8 hours
  - Refrigerated: 8 days
  - Frozen: 1 year (if frozen within 24 hours)

Please call Methodist Pathology Specimen Control at 402-354-4541 if you have any questions.