Lab Dept: Serology Test Name: CELIAC ASSOCIATED HLA-DQ TYPING **General Information** Lab Order Codes: CELA Synonyms: HLA Celiac Disease Testing 81376 x2 - HLA Class II typing, low resolution, one locus equivalent, each **CPT Codes: Test Includes:** HLA DQ Alpha 1 and HLA DQ Beta 1 Logistics **Test Indications:** Useful for assessing risk of celiac disease. Celiac disease is mediated T lymphocytes in patients with genetic susceptibility. This genetic association is with certain HLA genes in the class II region (DQ alpha, DQ beta). Lab Testing Sections: Serology - Sendouts **Referred to:** Mayo Medical Laboratories (Test: CELI) **Phone Numbers:** MIN Lab: 612-813-6280 STP Lab: 651-220-6550 **Test Availability:** Daily, 24 hours **Turnaround Time:** 7 - 14 days **Special Instructions:** Please obtain special tube from the laboratory. Specimen Whole blood **Specimen Type: Container:** Yellow-top (ACD [solution B]) tube **Draw Volume:** 6 mL (Minimum: 3 mL) blood Same as Draw Volume **Processed Volume:**

Collection:	Routine venipuncture, mix by gentle inversion
Special Processing:	Lab Staff: Send 6 mL (Minimum: 3 mL) ACD (solution B) whole blood at refrigerated temperature. Do Not centrifuge. Do not transfer blood to other containers. Do Not freeze ACD (solution B) whole blood. Forward promptly.
Patient Preparation:	None
Sample Rejection:	Frozen specimens; mislabeled or unlabeled specimens
Interpretive	
Reference Range:	Interpretive report
Critical Values:	N/A
Limitations:	Performance characteristics have been determined by Laboratory Medicine and Pathology, Mayo Clinic in a manner consistent with CLIA requirements. This test has not been cleared or approved by the U.S. Food and Drug Administration.
Methodology:	Polymerase Chain Reaction (PCR)/Sequence –specific Oligonucleotide Probe (SSO) (PCR is utilized pursuant to a license agreement with Roche Molecular Systems, Inc.)
References:	Mayo Medical Laboratories July 2015
Updates:	1/19/2011: Method and CPT update. 1/4/2012: Storage temp changed from Ambient to Refrigerated, Draw volume changed from 7 to 6 mL. 7/8/2015: CPT update