
Lab Dept: Serology

Test Name: CELIAC ASSOCIATED HLA-DQ TYPING

General Information

Lab Order Codes: CELA

Synonyms: HLA Celiac Disease Testing

CPT Codes: 81376 x2 – HLA Class II typing, low resolution, one locus equivalent, each

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

Specimen Type: Whole blood

Container: Yellow-top (ACD [solution B]) tube

Draw Volume: 6 mL (Minimum: 3 mL) blood

Processed Volume: Same as Draw 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