
Lab Dept: Serology

Test Name: CELIAC GENETICS

General Information

Lab Order Codes: CELG

Synonyms: Pro Genologix Celiac Genetics; HLA-DQ2/DQ8

CPT Codes: 83891 – Isolation or extraction of highly purified nucleic acid
83894 x10 – Separation by gel electrophoresis
83898 x10 – Amplification of patient nucleic acid, single primer pair, each

Test Includes: HLA DQ2 and HLA DQ8

Logistics

Test Indications: Helps to rule-out of celiac disease when no antibodies are detected. Identifies patients with HLA-DQ2/DQ8, human leukocyte antigens associated with celiac disease.

Lab Testing Sections: Serology – Sendouts

Referred to: Prometheus Laboratories, Inc.

Phone Numbers:

Minneapolis: 612-813-6280

Saint Paul: 651-220-6550

Test Availability: Daily, 24 hours

Turnaround Time: 4 days

Special Instructions: N/A

Specimen

Specimen Type: Whole blood

Container: Lavender top (EDTA) tube

Draw Volume: 5.0 mL blood

Processed Volume:	Same as Draw Volume
Collection:	Routine venipuncture, mix by gentle inversion
Special Processing:	<p>Lab Staff: Do Not centrifuge. Do Not freeze EDTA whole blood. Cold pack accepted but not required.</p> <ol style="list-style-type: none"> 1. Complete all parts of the Prometheus Test Requisition Form and keep the appropriate copy for your files. 2. Freeze the cold pack included in the Coolant Equipped Transportation Kit (lay flat to freeze). DO NOT FREEZE THE SAMPLE. 3. Please use a Lavender top (EDTA) vacutainer tube. Invert 2-3 times to mix whole blood well in the tube to prevent clotting of the sample. 4. Label blood specimen with the patient's name, collection date and date of birth, or social security number. Unlabeled specimens will not be tested. 5. Place the labeled tube into the zip lock bag with the DriMop. Seal the bag and place in the tube compartment. 6. Place the frozen cold pack in the large compartment. 7. Fold and insert the Prometheus Copy of the Test Requisition Form and billing information in the remaining compartment. 8. Replace the lid. Close outer box flap. 9. Place the specimen Kit box into the shipping bag and seal. 10. Complete the return address information on the pre-printed Airborne Airbill and adhere the label to the specified location on the Airborne Bag. 11. Call Airborne Express at (800) 247-2676 for pick-up.
Patient Preparation:	None
Sample Rejection:	Unlabeled specimen

Interpretive

Reference Range:	Not detected
Critical Values:	N/A
Limitations:	N/A
Methodology:	Isolation/Extraction, Electrophoresis, Amplification
Contraindications:	N/A

References:

Prometheus Laboratory web page: <http://www.prometheuslabs.com> July 2004