Apo E Genotype

CPT Code: 81401
Order Code: 1087
ABN Requirement: No
Synonyms: Apo E; Apolipoprotein E Genotype; APOE; APOE Genotype
Specimen: EDTA Whole Blood
Volume: 4.0 mL
Minimum Volume: 2.0 mL
Container: EDTA (Lavender Top tube)

Collection:

1. Collect and label sample according to standard protocols.
2. Gently invert tube 8-10 times immediately after draw. DO NOT SHAKE.
3. Do not centrifuge.

Please Note: This germline genetic test requires physician attestation that patient consent has been received if ordering medical facility is located in AK, DE, FL, GA, IA, MA, MN, NV, NJ, NY, OR, SD, or VT or test is performed in MA.

Special Instructions: A separate EDTA whole blood tube is needed for molecular tests. Collect additional samples for other testing that requires EDTA whole blood. Multiple (up to 8) cardiovascular-related genetic tests can be performed on a single specimen. A second lavender-top (EDTA) tube is required if non-genetic tests are simultaneously ordered that require a lavender top (EDTA) tube. For whole blood samples, follow normal phlebotomy procedures.

Transport: Store EDTA whole blood at 2°C to 8°C after collection and ship the same day per packaging instructions provided with the Cleveland HeartLab shipping box.

Stability:

Ambient (15-25°C): 8 days
Refrigerated (2-8°C): 8 days
Frozen (-20°C): 30 days

Causes for Rejection: Specimens other than EDTA whole blood; improper

labeling; samples not handled and stored properly; samples older than stability limits.

Methodology: Real-Time Polymerase Chain Reaction (RT-PCR)

Turn Around Time: 4 to 7 days

Reference Range: See Laboratory Report

Clinical Significance: This test determines the subtypes of ApoE which will aid in the risk assessment of coronary heart disease (CHD) and hyperlipoproteinemia.

The CPT codes provided are based on AMA guidelines and are for informational purposes only. CPT coding is the sole responsibility of the billing party. Please direct any questions regarding coding to the payer being billed.