

BA674**Human Apolipoprotein E / Apo E - Purified****Alternate names:**

Apo-E, ApoE

Quantity:

50 µg

Concentration:

0.733 mg/ml (OD280 nm, E0.1% = 1.0)

Background:

Apolipoprotein E is essential for the normal catabolism of triglyceride rich lipoprotein constituents. The apolipoprotein E gene is mapped to chromosome 19 in a cluster with APOC1 and APOC2. Defects in Apolipoprotein E result in familial dysbetalipoproteinemia, or type III hyperlipoproteinemia (HLP III), in which increased plasma cholesterol and triglycerides are the consequence of impaired clearance of chylomicron and VLDL remnants. Mutations in the APOE gene confer susceptibility to Alzheimer's disease by affecting amyloid-beta deposition.

Uniprot ID:[P02649](#)**NCBI:**[NP_000032.1](#)**GeneID:**[348](#)**Species:**

Human

Source:

Plasma, Very Low Density Lipoprotein (VLDL) from Human Plasma

Format:**State:** Liquid purified protein**Purity:** >95% pure by SDS-PAGE.**Buffer System:** 50 mM NH₄HCO₃, pH 8.0 containing no preservatives.**Description:**

Human Apolipoprotein E (Apo-E).

Add. Information:

Centrifuge before opening to ensure complete recovery of vial contents.

Storage:

Store the antigen at -20°C.

Avoid multiple freeze/thaw cycles.

Shelf life: one year from despatch.

Caution:

All human source materials have tested negative for HIV 1, HIV 2, anti-HCV, anti-HBc antibodies and HBsAg. No test guarantees a product to be non-infectious. Therefore, all material derived from human fluids or tissues should be considered as potentially infectious.