# Human APOE/Apolipoprotein E ELISA Kit

E45K00209

**Catalog Number:**E45K00209

**Species Reactivity:**Human

**Storage:**Store at +4°C. Please refer to protocols.

**Cite ID#:**EN5520660

**Type:**Human ELISA Kits

**Description:**Human APOE/Apolipoprotein E ELISA Kit is a ready-to-use microwell, strip plate ELISA (enzyme-linked immunosorbent assay) Kit designed for the quantitative measurement of APOE in biological samples. Our rigorously validated, ready-to-go Human APOE/Apolipoprotein E ELISA Kit use a simple protocol that easily integrates into your current processes, allowing you to rapidly and accurately detect APOE in your samples. Appropriate sample types may include Cell Culture Supernates, Serum, Platelet-poor EDTA Plasma, Platelet-poor Heparin Plasma, Urine. Precision Intra-Assay Precision (Precision within an assay): Three samples of known concentration were tested several times on one plate to assess intra-assay precision. Inter-Assay Precision (Precision between assays): Three samples of known concentration were tested in several separate assays to assess inter-assay precision. Assays were performed by at least two technicians using two lots of components.

**Assay type:**Sandwich

**Detection principle:**Spectrophotometrical

**Sample type:**This immunoassay kit allows for the in vitro quantitative determination in Serum, plasma, tissue homogenates, cell culture supernates and other biological fluids.

**Sensitivity:**3.1 ng/mL

**Assay range:**7.8-500 ng/mL

**Kit components:**Assay Plate, Standard, Sample Diluent, Assay Diluent A&B, Detection Reagent A&B, Wash Buffer, Substrate, Stop Solution.

**Other reagents required:**Deionized or distilled water

**Gene Name:**APOE

**Swiss-Prot No.:**P02649

**Function:**Mediates the binding, internalization, and catabolism of lipoprotein particles. It can serve as a ligand for the LDL

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(apo B/E) receptor and for the specific apo-E receptor (chylomicron remnant) of hepatic tissues.

**Form:**ELISA Kits

**Synonyms:**Apo-E