

ELISA Kit for Apolipoprotein E (APOE)

Catalog No: tcue786



Available Sizes

Size: 96T



Specifications

Research Area:

Metabolic pathway;Cardiovascular biology;Hepatology;

Species Reactivity:

Oryctolagus cuniculus (Rabbit)

Sample Type:

Serum, plasma and other biological fluids.

Sensitivity:

The minimum detectable dose of this kit is typically less than 182.5pg/mL

Detection Range:

493.8-40,000pg/mL

Assay Time:

2h

Detection Method:

Enzyme-linked immunosorbent assay for Antigen Detection.

Tested Application:

ELISA

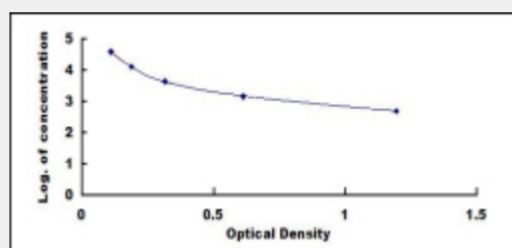
SwissProt:

P18287

Test Principle

This assay employs the competitive inhibition enzyme immunoassay technique. A monoclonal antibody specific to Apolipoprotein E

(APOE) has been pre-coated onto a microplate. A competitive inhibition reaction is launched between biotin labeled Apolipoprotein E (APOE) and unlabeled Apolipoprotein E (APOE) (Standards or samples) with the pre-coated antibody specific to Apolipoprotein E (APOE). After incubation the unbound conjugate is washed off. Next, avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. The amount of bound HRP conjugate is reverse proportional to the concentration of Apolipoprotein E (APOE) in the sample. After addition of the substrate solution, the intensity of color developed is reverse proportional to the concentration of Apolipoprotein E (APOE) in the sample.



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