

**90-2165: Human APOE (Apolipoprotein E) Pre-Coated ELISA Kit****Application :** ELISA**Reactivity :** Human**Description**

This assay employs an antibody specific for Anti-human APOE coated on a 96-well plate. Standards and samples are pipetted into the wells and APOE present in a sample is bound to the wells by the immobilized antibody. The wells are washed and biotinylated anti-human APOE antibody is added. After washing away unbound biotinylated antibody, HRP-conjugated streptavidin is pipetted to the wells. The wells are again washed, a TMB substrate solution is added to the wells and color develops in proportion to the amount of APOE bound. The Stop Solution changes the color from blue to yellow, and the intensity of the color is measured at 450 nm.

**Kit Components**

Item	Specifications	Storage
96 well Strip ELISA Plate	8 × 12 well	4°C
Lyophilized Standard	2 vials	-20°C
Sample and Standard Dilution Buffer	20 ml	4°C
Biotinylated Detection Antibody for h APOE	120 µl	4°C (Protected from light)
Antibody Dilution Buffer	10 ml	4°C
HRP Conjugated Streptavidin	120 µl	4°C (Protected from light)
Streptavidin Dilution Buffer	10 ml	4°C
TMB Substrate	10 ml	4°C
Stop Solution	10 ml	4°C
25X Wash Buffer	30 ml	4°C
Plate Sealer	5 pieces	
Product Manual	1	

**Product Info****Amount :** 1 X 96 Tests**Content :** 1 X 96 well Format (96 tests)

**Storage condition :** Please refer to the Manual

## Application Note

This immunoassay kit allows for the in vitro quantitative determination of Human APOE concentrations in serum, plasma and other biological fluids.

This kit is for Research Use Only. Not for use in diagnostic/therapeutics procedures.

**Detection Range:** 23.44 – 1500 ng/ml

**Sensitivity:** < 14.063 ng/ml

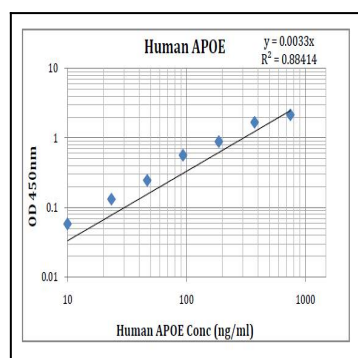


Fig-1: Human APOE Standard Curve.