ApoE ELISA kit

Highly sensitive ApoE ELISA kit enabling detection of ApoE in serum, plasma, cell culture supernates, and tissue homogenates in 3.5 hours.

The ApoE ELISA kit is a colorimetric immunometric immunoassay kit with results in 3.5 hrs.

Apolipoprotein E (ApoE) transports lipoproteins, fat-soluble vitamins, and cholesterol into the lymph system and then into the blood. It is synthesized principally in the liver, but has also been found in other tissues such as the brain, kidneys, and spleen. In the nervous system, non-neuronal cell types, most notably astroglia and microglia, are the primary producers of ApoE, while neurons preferentially express the receptors for ApoE. ApoE was initially recognized for its importance in lipoprotein metabolism and cardiovascular disease. ApoE has been studied for its role in several biological processes including: type III hyperlipoproteinemia (HLP III), Alzheimer's disease (AD), immunoregulation, and cognition.

- Sensitive measurement of ApoE, detecting as little as 14.063 ng/ml
- Negligible reactivity to similar proteins.
- High throughput with results in 3.5 hours.
- Fully quantitative results that surpass semi-quantitative Western blot analysis

Ordering Information

Order Online »

ENZ-KIT134-0001	96 wells

Manuals, SDS & CofA

View Online »

Handling & Storage

Long Term Storage	+4°C
Shipping	Blue Ice

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	Apolipoprotein E
Application	Colorimetric detection, ELISA
Application Notes	For the quantitative determination of ApoE in serum, plasma, cell culture supernates and tissue homogenates in human samples.
Assay Time	3.5 hours
Compatibility	This product is compatible with the **Absorbance 96 Plate Reader**.
Contents	Microtiter Plate, Standard, Sample Buffer, Wash Buffer Concentrate, Antibody, Antibody Buffer, Conjugate, Conjugate Buffer Substrate, and Stop Solution
Sensitivity	14.063 ng/ml (23.438-1500 ng/ml)
Species Reactivity	Human
UniProt ID	P02649
Wavelength	450 nm

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