

## Human Apolipoprotein E4 ELISA Kit | APOE elisa kit

Human Apolipoprotein E4 ELISA Kit

CATALOG #  
**AAA122970**

REACTIVITY  
**Human**

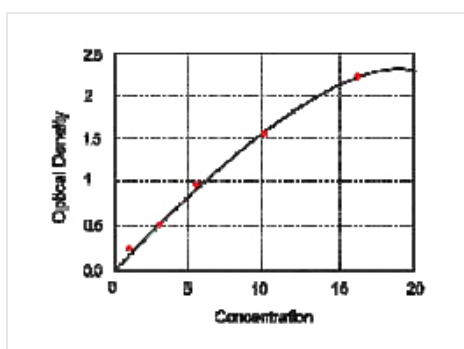
### PRODUCT SYNONYMS

Apolipoprotein E4; Human Apolipoprotein E4 ELISA Kit; APOE elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                                  |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Human                                                                                                                                                                                            |
| Sequence Length         | 170                                                                                                                                                                                              |
| Samples                 | Serum, Plasma, Cell Culture Supernates, Cell Lysates, Tissue Homogenates                                                                                                                         |
| Assay Type              | Quantitative Sandwich                                                                                                                                                                            |
| Detection Range         | 8ng/ml-1500ng/ml                                                                                                                                                                                 |
| Sensitivity             | 4.13ng/ml                                                                                                                                                                                        |
| Intra-assay Precision   | Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%                              |
| Inter-assay Precision   | Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. Inter-Assay: CV<10% |
| Preparation and Storage | Store at 2 to 8 degree C for 6 months.                                                                                                                                                           |

### IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

|                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
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| Related Product Information for APOE elisa kit | <p>Intended Uses: This sandwich kit is for the accurate quantitative detection of human Apolipoprotein E4 (also known as Apo E4) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.</p> <p>Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with human Apo E4 antibody. Apo E4 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human Apo E4 Antibody is added and binds to Apo E4 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated Apo E4 antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of human Apo E4. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.</p> |
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NCBI AND UNIPROT INFORMATION

|                                  |                            |
|----------------------------------|----------------------------|
| NCBI GI #                        | 283972753                  |
| NCBI GeneID                      | 476438                     |
| NCBI Official Full Name          | apolipoprotein E4, partial |
| NCBI Official Synonym Full Names | apolipoprotein E           |
| NCBI Official Symbol             | APOE                       |
| NCBI Official Synonym Symbols    | Apo-E                      |
| NCBI Protein Information         | apolipoprotein E           |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)  
Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/apolipoprotein-e4/122970>