

## Monkey Apolipoprotein C2 ELISA Kit | APOC2 elisa kit

Monkey Apolipoprotein C2 ELISA Kit

CATALOG #  
**AAA88710**

REACTIVITY  
**Monkey**

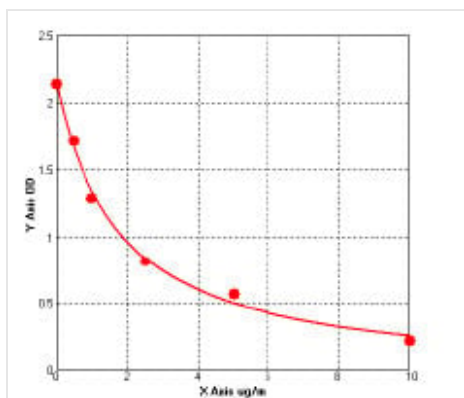
### PRODUCT SYNONYMS

Apolipoprotein C2; Monkey Apolipoprotein C2 ELISA Kit; APOC2 elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                            |
|-------------------------|----------------------------------------------------------------------------|
| Reactivity              | Monkey                                                                     |
| Samples                 | Serum, plasma, cell culture supernatants, body fluid and tissue homogenate |
| Assay Type              | Quantitative Competitive                                                   |
| Sensitivity             | 0.1 ug/mL.                                                                 |
| Preparation and Storage | Store all reagents at 2-8 degree C.                                        |

### IMAGES



Standard Curve (Sample)

### ADDITIONAL INFORMATION

#### Related Product Information for APOC2 elisa kit

**Intended Uses:** This APOC2 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Monkey APOC2. This ELISA kit for research use only!

**Principle of the Assay:** APOC2 ELISA kit applies the competitive enzyme immunoassay technique utilizing an anti-APOC2 antibody and an APOC2-HRP conjugate. The assay sample and buffer are incubated together with APOC2-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the APOC2 concentration since APOC2 from samples and APOC2-HRP conjugate compete for the anti-APOC2 antibody binding site. Since the number of sites is limited, as more sites are occupied by APOC2 from the sample, fewer sites are left to bind APOC2-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The APOC2 concentration in each sample is interpolated from this standard curve.

## NCBI AND UNIPROT INFORMATION

|                                  |                                        |
|----------------------------------|----------------------------------------|
| NCBI GI #                        | 32130518                               |
| NCBI GeneID                      | 344                                    |
| NCBI Accession #                 | NP_000474.2                            |
| NCBI GenBank Nucleotide #        | NM_000483.4                            |
| Molecular Weight                 | 11,284 Da                              |
| NCBI Official Full Name          | apolipoprotein C-II                    |
| NCBI Official Synonym Full Names | apolipoprotein C-II                    |
| NCBI Official Symbol             | APOC2                                  |
| NCBI Official Synonym Symbols    | APO-CII; APOC-II                       |
| NCBI Protein Information         | apolipoprotein C-II; apolipoprotein C2 |
| UniProt Protein Name             | Apolipoprotein C-II                    |
| UniProt Gene Name                | <b>APOC2</b>                           |
| UniProt Synonym Gene Names       | APC2; Apo-CII; ApoC-II                 |
| UniProt Entry Name               | APOC2_HUMAN                            |

**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.