

# Rabbit Apolipoprotein C1 ELISA Kit | ApoC1 elisa kit

Rabbit Apolipoprotein C1 ELISA Kit

CATALOG #  
**AAA101994**

REACTIVITY  
**Rabbit**

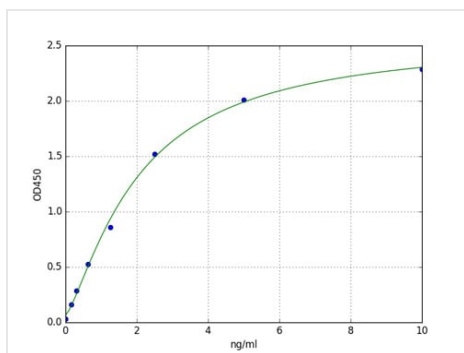
## PRODUCT SYNONYMS

Apolipoprotein C1; Rabbit Apolipoprotein C1 ELISA Kit; ApoC1 elisa kit

## PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                                                                                                                                                                                                                                     |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Rabbit                                                                                                                                                                                                                                                                                                                                                                                              |
| Specificity             | This assay has high sensitivity and excellent specificity for detection of Rabbit.ApoC1. No significant cross-reactivity or interference between Rabbit.ApoC1 and analogues was observed. Note: Limited by current skills and knowledge, it is impossible for us to complete the cross- reactivity detection between Rabbit.ApoC1 and all the analogues, therefore, cross reaction may still exist. |
| Assay Type              | Sandwich ELISA, Double Antibody                                                                                                                                                                                                                                                                                                                                                                     |
| Samples                 | Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples                                                                                                                                                                                                                                                                                                                |
| Detection Range         | 0.156-10ng/ml                                                                                                                                                                                                                                                                                                                                                                                       |
| Sensitivity             | 0.094ng/ml                                                                                                                                                                                                                                                                                                                                                                                          |
| Intra-assay Precision   | Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level Rabbit.ApoC1 were tested 20 times on one plate, respectively. Intra-Assay: CV<8%                                                                                                                                                                                                                       |
| Inter-assay Precision   | Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level Rabbit.ApoC1 were tested on 3 different plates, 8 replicates in each plate. CV (%) = SD/meanX100. Inter-Assay: CV<10%                                                                                                                                                                                   |
| Preparation and Storage | Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C                                                                                                                                                                                                                                        |

## IMAGES



Standard Curve (Sample)

### Typical Data & Standard Curve

Results of a typical standard run of a Rabbit ApoC1 ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A-not applicable)

| X | ng/ml | 0     | 0.1562 | 0.3125 | 0.625 | 1.25  | 2.5   | 5    | 10    |
|---|-------|-------|--------|--------|-------|-------|-------|------|-------|
| Y | OD450 | 0.055 | 0.123  | 0.174  | 0.274 | 0.467 | 0.867 | 1.49 | 2.119 |

Standard Curve (Sample)

ADDITIONAL INFORMATION

|                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|-------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for ApoC1 elisa kit | Principle of the Assay  This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Rabbit.ApoC1 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti- Rabbit.ApoC1 antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Rabbit.ApoC1 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Rabbit.ApoC1 can be calculated. |
|-------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

**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.

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Online datasheet: <https://stage.aaabiotech.com/apoc1-rabbit-elisa-kits/apolipoprotein-c1/101994>