

## Rabbit Low density lipoprotein immune complex ELISA Kit | LDL-IC elisa kit

Rabbit Low density lipoprotein immune complex ELISA Kit

CATALOG #  
**AAA82194**

REACTIVITY  
**Rabbit**

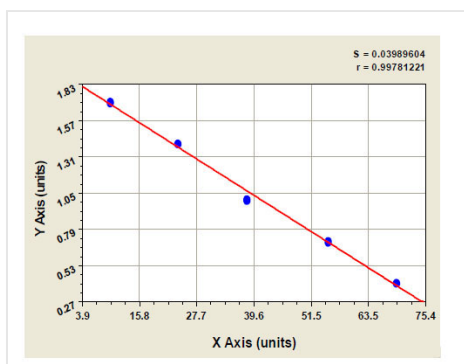
### PRODUCT SYNONYMS

Low density lipoprotein immune complex; Rabbit Low density lipoprotein immune complex ELISA Kit; LDL-IC elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                             |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Rabbit                                                                                                                                                                                      |
| Samples                 | Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate                                                                                                                  |
| Assay Type              | Competitive                                                                                                                                                                                 |
| Sensitivity             | 0.1 ng/mL.                                                                                                                                                                                  |
| Intended Uses           | This LDL-IC ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rabbit LDL-IC. This ELISA kit for research use only, not for therapeutic applications! |
| Preparation and Storage | Store all reagents at 2-8 degree C.                                                                                                                                                         |

### IMAGES



Standard Curve (Sample)

### ADDITIONAL INFORMATION

#### Related Product Information for LDL-IC elisa kit

**Principle of the assay:** LDL-IC ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-LDL-IC antibody and an LDL-IC-HRP conjugate. The assay sample and buffer are incubated together with LDL-IC-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 LDL-IC concentration since LDL-IC from samples and LDL-IC-HRP conjugate compete for the anti-LDL-IC antibody binding site. Since the number of sites is limited, as more sites are occupied by LDL-IC from the sample, fewer sites are left to bind LDL-IC-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The LDL-IC concentration in each sample is interpolated from this standard curve.

#### Product Categories/Family for LDL-IC elisa kit

Cardiovascular

**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/ldl-ic-rabbit-elisa-kits/low-density-lipoprotein-immune-complex/82194>