

## Human CD40 / TNFRSF5 ELISA Kit | CD40 / TNFRSF5 elisa kit

CD40 / TNFRSF5 Human ELISA Kit

|                              |                            |                              |
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| CATALOG #<br><b>AAA58985</b> | REACTIVITY<br><b>Human</b> | APPLICATIONS<br><b>ELISA</b> |
|------------------------------|----------------------------|------------------------------|

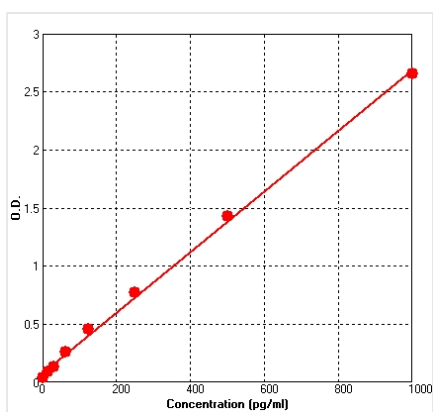
### PRODUCT SYNONYMS

CD40 / TNFRSF5; CD40 / TNFRSF5 Human ELISA Kit; Human CD40 / TNFRSF5; CD40 / TNFRSF5 elisa kit

### PRODUCT SPECIFICATIONS

|                                                      |                                                                      |
|------------------------------------------------------|----------------------------------------------------------------------|
| Reactivity                                           | Human                                                                |
| Assay Type                                           | Sandwich                                                             |
| Detection Range                                      | 15.6 pg/ml-1000 pg/ml                                                |
| Sensitivity                                          | < 1pg/ml                                                             |
| Applicable Applications for CD40 / TNFRSF5 elisa kit | ELISA                                                                |
| Preparation and Storage                              | Store at 2-8 degree C for 4 months, or at -20 degree C for 8 months. |

### IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

|                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
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| Related Product Information for CD40 / TNFRSF5 elisa kit | <p><b>Principle of the Assay:</b> This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-CD40 polyclonal antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-CD40 polyclonal 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. Avidin-Biotin-Peroxidase Complex 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 CD40 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of CD40 can be calculated.</p> <p><b>Background:</b> CD40 is a costimulatory protein found on antigen presenting cells and is required for their activation. It is expressed on the surface of all mature B cells. This protein receptor is a member of the TNF-receptor superfamily. It has been found to be essential in mediating a broad variety of immune and inflammatory responses including T cell-dependent immunoglobulin class switching, memory B cell development, and germinal center formation. The interaction of this receptor and its ligand is found to be necessary for amyloid-beta-induced microglial activation, and thus is thought to be an early event in Alzheimer disease pathogenesis.</p> |
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NCBI AND UNIPROT INFORMATION

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|-------------------------|-----------|
| NCBI GI #               | 114053977 |
| NCBI Official Full Name | CD40      |

**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/human-elisa-kits/cd40-tnfrsf5/58985>