

## Human Cluster of differentiation 39 (CD39) ELISA Kit | CD39 elisa kit

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CATALOG #  
**AAA44464**

REACTIVITY  
**Human**

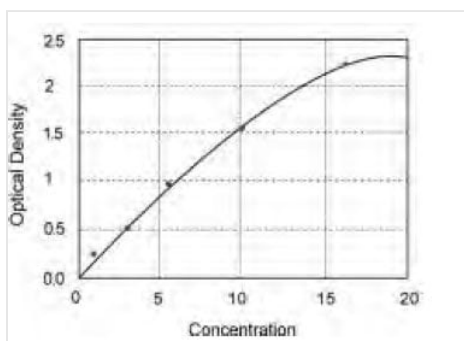
### PRODUCT SYNONYMS

Cluster of differentiation 39 (CD39); Human Cluster of differentiation 39 (CD39) ELISA Kit; CD39 elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                                  |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Human                                                                                                                                                                                            |
| Sequence Length         | 513                                                                                                                                                                                              |
| Assay Type              | Quantitative Sandwich                                                                                                                                                                            |
| Samples                 | Serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids                                                                                                   |
| Detection Range         | 0.1-35ng/ml                                                                                                                                                                                      |
| Sensitivity             | 0.048ng/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

|                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for CD39 elisa kit | <p>Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Human CD39 antibody. CD39 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Human CD39 Antibody is added and binds to CD39 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated CD39 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 CD39. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.</p> <p>Intended Uses: This sandwich kit is for the accurate quantitative detection of Human Cluster of differentiation 39 (also known as CD39) in serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids.</p> |
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NCBI AND UNIPROT INFORMATION

|                            |                                                  |
|----------------------------|--------------------------------------------------|
| NCBI GI #                  | 2240205                                          |
| NCBI GeneID                | 282223                                           |
| Molecular Weight           | 58,114 Da                                        |
| NCBI Official Full Name    | CD39                                             |
| NCBI Official Symbol       | ENTPD1                                           |
| NCBI Protein Information   | ectonucleoside triphosphate diphosphohydrolase 1 |
| UniProt Protein Name       | Ectonucleoside triphosphate diphosphohydrolase 1 |
| UniProt Gene Name          | ENTPD1                                           |
| UniProt Synonym Gene Names | CD39; NTPDase 1; Ecto-ATPDase 1; Ecto-ATPase 1   |

**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/cluster-of-differentiation-39-cd39/44464>