

## Rabbit CD147/EMMPRIN ELISA Kit | CD147 elisa kit

Rabbit CD147/EMMPRIN ELISA Kit

CATALOG #  
**AAA86616**

REACTIVITY  
**Rabbit**

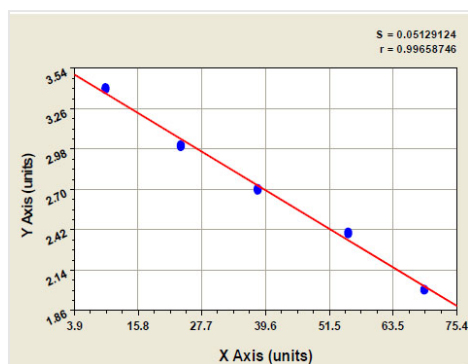
### PRODUCT SYNONYMS

CD147/EMMPRIN; Rabbit CD147/EMMPRIN ELISA Kit; CD147 elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                           |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Rabbit                                                                                                                                                                                    |
| Samples                 | Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate                                                                                                                |
| Assay Type              | Competitive                                                                                                                                                                               |
| Sensitivity             | 1.0 pg/mL.                                                                                                                                                                                |
| Intended Uses           | This CD147 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rabbit CD147. 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 CD147 elisa kit

**Principle of the assay:** CD147 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-CD147 antibody and an CD147-HRP conjugate. The assay sample and buffer are incubated together with CD147-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 CD147 concentration since CD147 from samples and CD147-HRP conjugate compete for the anti-CD147 antibody binding site. Since the number of sites is limited, as more sites are occupied by CD147 from the sample, fewer sites are left to bind CD147-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CD147 concentration in each sample is interpolated from this standard curve.

#### Product Categories/Family for CD147 elisa kit

Immunology

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                                                                    |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 31076333                                                                                                                                                                                                           |
| NCBI GeneID                      | 682                                                                                                                                                                                                                |
| UniProt Accession #              | Q54A51; P35613                                                                                                                                                                                                     |
| Molecular Weight                 | 29,221 Da                                                                                                                                                                                                          |
| NCBI Official Full Name          | CD147                                                                                                                                                                                                              |
| NCBI Official Synonym Full Names | basigin (Ok blood group)                                                                                                                                                                                           |
| NCBI Official Symbol             | BSG                                                                                                                                                                                                                |
| NCBI Official Synonym Symbols    | M6; OK; 5F7; TCSF; CD147; EMMPRIN                                                                                                                                                                                  |
| NCBI Protein Information         | basigin; CD147 antigen; OK blood group antigen; collagenase stimulatory factor; leukocyte activation antigen M6; extracellular matrix metalloproteinase inducer; tumor cell-derived collagenase stimulatory factor |
| UniProt Protein Name             | Basigin (Ok blood group), isoform CRA_a                                                                                                                                                                            |
| UniProt Gene Name                | hEMMPRIN                                                                                                                                                                                                           |
| UniProt Synonym Gene Names       | BSG                                                                                                                                                                                                                |
| UniProt Entry Name               | Q54A51_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.

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Online datasheet: <https://stage.aaabiotech.com/rabbit-elisa-kits/cd147-emmprin/86616>