

Monkey CD147/EMMPRIN ELISA Kit | CD147 elisa kit

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CATALOG #
AAA92900

REACTIVITY
Monkey

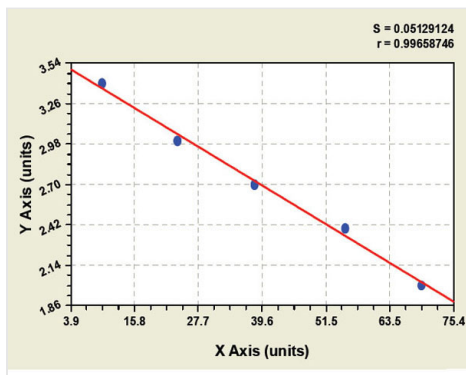
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Monkey
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Sandwich
Detection Range	250-5000pg/mL
Sensitivity	1.0pg/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CD147 elisa kit	For samples: Serum, plasma, cell culture supernatants, body fluid and tissue homogenate INTENDED USE This CD147 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Monkey CD147. This ELISA kit for research use only! 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
Molecular Weight	22,764 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
UniProt Gene Name	BSG
UniProt Synonym Gene Names	UNQ6505/PRO21383; EMMPRIN; TCSF
UniProt Entry Name	BASI_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/monkey-elisa-kits/cd147-emmprin/92900>