

Rabbit Extracellular matrix metalloproteinase Inducer/CD147 ELISA Kit | CD147/EMMPRIN elisa kit

Rabbit Extracellular matrix metalloproteinase Inducer/CD147 ELISA Kit

CATALOG #

AAA87138

REACTIVITY

Rabbit

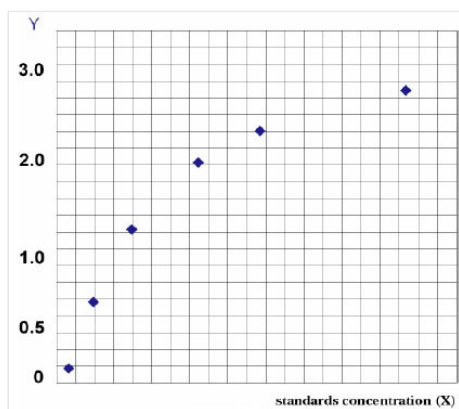
PRODUCT SYNONYMS

Extracellular matrix metalloproteinase Inducer/CD147; Rabbit Extracellular matrix metalloproteinase Inducer/CD147 ELISA Kit; CD147/EMMPRIN elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rabbit
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	100-2500pg/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/EMMPRIN elisa kit	Intended Uses: This CD147 ELISA kit is intended Laboratory for research use only. The Stop Solution changes the color from blue to yellow and the intensity of the color is measured at 450 nm using a spectrophotometer. In order to measure the concentration of CD147 in the sample, this CD147 ELISA Kit includes a set of calibration standards. The calibration standards are assayed at the same time as the samples and allow the operator to produce a standard curve of Optical Density versus CD147 concentration. The concentration of CD147 in the samples is then determined by comparing the O.D. of the samples to the standard curve. Principle of the Assay: This CD147 enzyme linked immunosorbent assay applies a technique called a quantitative sandwich immunoassay. The microtiter plate provided in this kit has been pre-coated with a monoclonal antibody specific for CD147. Standards or samples are then added to the microtiter plate wells and CD147 if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of CD147 present in the sample, a standardized preparation of horseradish peroxidase (HRP)-conjugated polyclonal antibody, specific for CD147 are added to each well to "sandwich" the CD147 immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, A and B substrate solution is added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period. Only those wells that contain CD147 and enzyme-conjugated antibody will exhibit a change in colour. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the colour change is measured spectrophotometrically at a wavelength of 450 nm.
Product Categories/Family for CD147/EMMPRIN 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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/cd147-emmprin-rabbit-elisa-kits/extracellular-matrix-metalloproteinase-inducer-cd147/87138>