

Human EMMPRIN/CD147 (Extracellular Matrix Metalloproteinase Inducer) ELISA Kit | EMMPRIN/CD147 elisa kit

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CATALOG #
AAA177849

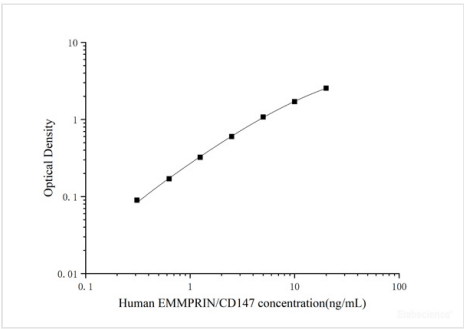
REACTIVITY
Human

PRODUCT SYNONYMS

EMMPRIN/CD147 (Extracellular Matrix Metalloproteinase Inducer); Human EMMPRIN/CD147 (Extracellular Matrix Metalloproteinase Inducer) ELISA Kit; EMMPRIN/CD147; EMMPRIN/CD147 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This kit recognizes Human EMMPRIN/CD147 in samples. No significant cross-reactivity or interference between Human EMMPRIN/CD147 and analogues was observed. This ELISA kit applies to the in vitro quantitative determination of Human EMMPRIN/CD147 concentrations in serum, plasma and other biological fluids.
Assay Type	Sandwich ELISA
Detection Method	Colormetric
Tested Sample Types	Serum, plasma and other biological fluids
Detection Range	0.16~10ng/mL
Sensitivity	0.09ng/mL
Precision	Both intra-CV and inter-CV are < 10%.
Test Principle	This ELISA kit uses the Sandwich-ELISA principle. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Human EMMPRIN/CD147. Standards or samples are added to the micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for Human EMMPRIN/CD147 and Avidin-Horseradish Peroxidase (HRP) conjugate are added successively to each micro plate well and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Human EMMPRIN/CD147, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of stop solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450nm +/- 2nm. The OD value is proportional to the concentration of Human EMMPRIN/CD147. You can calculate the concentration of Human EMMPRIN/CD147 in the samples by comparing the OD of the samples to the standard curve.
Preparation and Storage	An unopened kit can be stored at 2-8 degree C for 1 month. If the kit is not supposed to be used within 1 month, store the components separately according to the *following conditions (manual) once the kit is received.



Standard Curve (Sample)

NCBI AND UNIPROT INFORMATION

NCBI GI #	38372919
NCBI GeneID	682
NCBI Accession #	NP_001719.2
NCBI GenBank Nucleotide #	NM_001728.3
UniProt Accession #	P35613; Q7Z796; Q8IZL7; A6NJW1; D3YLG5
Molecular Weight	42,200 Da
NCBI Official Full Name	basigin isoform 1
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	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/human-elisa-kits/emmprin-cd147-extracellular-matrix-metalloproteinase-inducer/177849>