

Rat Extracellular Matrix Metalloproteinase Inducer (EMMPRIN) ELISA Kit | EMMPRIN elisa kit

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CATALOG #
AAA137735

REACTIVITY
Rat

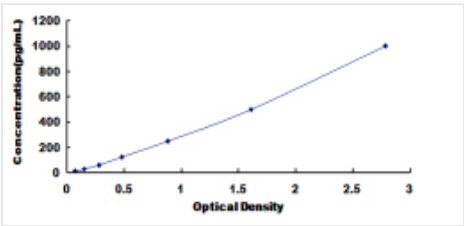
PRODUCT SYNONYMS

Extracellular Matrix Metalloproteinase Inducer (EMMPRIN); Rat Extracellular Matrix Metalloproteinase Inducer (EMMPRIN) ELISA Kit; CD147; BSG; 5F7; M6; OK; TCSF; Basigin(Ok Blood Group); Collagenase stimulatory factor; OK blood group antigen; Tumor cell-derived collagenase stimulatory factor; EMMPRIN elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of Extracellular Matrix Metalloproteinase Inducer (EMMPRIN). No significant cross-reactivity or interference between Extracellular Matrix Metalloproteinase Inducer (EMMPRIN) and analogues was observed.
Sequence Length	205
Assay Type	Double-antibody Sandwich
Samples	Serum, Plasma, Lung Lavage Fluid and other biological fluids
Detection Range	15.62-1000pg/mL
Sensitivity	5.5pg/mL
Application	Enzyme-linked immunosorbent assay for Antigen Detection.
Intra-assay Precision (Precision within an assay)	3 samples with low, middle and high level Extracellular Matrix Metalloproteinase Inducer (EMMPRIN) were tested 20 times on one plate, respectively.
Inter-assay Precision (Precision between assays)	3 samples with low, middle and high level Extracellular Matrix Metalloproteinase Inducer (EMMPRIN) were tested on 3 different plates, 8 replicates in each plate.
CV(%) =	SD/meanX100
Intra-Assay	CV<10%
Inter-Assay	CV<12%
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for EMMPRIN elisa kit	The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Extracellular Matrix Metalloproteinase Inducer (EMMPRIN). Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody specific to Extracellular Matrix Metalloproteinase Inducer (EMMPRIN). Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain Extracellular Matrix Metalloproteinase Inducer (EMMPRIN), biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm ± 10nm. The concentration of Extracellular Matrix Metalloproteinase Inducer (EMMPRIN) in the samples is then determined by comparing the O.D. of the samples to the standard curve.
Product Categories/Family for EMMPRIN elisa kit	CD & Adhesion molecule; Tumor immunity; Infection immunity; Reproductive science

NCBI AND UNIPROT INFORMATION

NCBI GI #	1220307
NCBI GeneID	682
UniProt Accession #	P35613; Q7Z796; Q8IZL7; A6NJW1; D3YLG5
Molecular Weight	22,764 Da
NCBI Official Full Name	extracellular matrix metalloproteinase inducer
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
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.