

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

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CATALOG #
AAA184804

REACTIVITY
Human

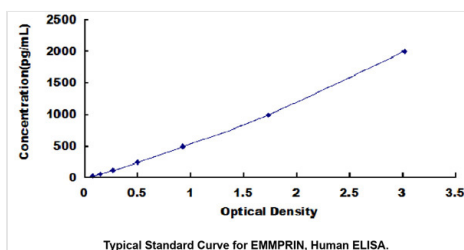
PRODUCT SYNONYMS

Extracellular Matrix Metalloproteinase Inducer (EMMPRIN); Human 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	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of EMMPRIN. No significant cross-reactivity or interference between EMMPRIN and analogues was observed.
Sequence Length	205
Assay Type	Quantitative Sandwich
Samples	Human serum, plasma, tissue homogenates, cell lysates and other biological fluids
Detection Range	31.2-2,000pg/mL
Sensitivity	< 11.8pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level EMMPRIN were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level EMMPRIN were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. 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	Principle of the Assay: The microplate provided in this kit has been pre-coated with an antibody specific to EMMPRIN. Standards or samples are then added to the appropriate microplate wells with a biotin-conjugated antibody specific to 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 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 EMMPRIN in the samples is then determined by comparing the O.D. of the samples to the standard curve. Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of EMMPRIN in human serum, plasma, tissue homogenates, cell lysates and other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	1220307
NCBI GeneID	682
UniProt Accession #	P35613; Q7Z796; Q8IZL7; A6NJWT1; 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	OK; 5F7; TCSF; CD147; EMMPRIN
NCBI Protein Information	basigin
UniProt Protein Name	Basigin
UniProt Gene Name	BSG
UniProt Synonym Gene Names	EMMPRIN; TCSF

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.