

Mouse CD147 (Basigin) ELISA Kit | Bsg elisa kit

Mouse CD147 (Basigin) ELISA Kit

CATALOG #
AAA250639

REACTIVITY
Mouse

PRODUCT SYNONYMS

CD147 (Basigin); Mouse CD147 (Basigin) ELISA Kit; Emmprin; CD147(Extracellular Matrix Metalloproteinase Inducer); Basigin; BSG; 5F7; CD147 antigen; Collagenase stimulatory factor; EMMPRINTCSF; Extracellular matrix metalloproteinase inducer; Bsg elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of Bsg. No significant cross-reactivity or interference between Bsg and analogues was observed.
Assay Type	Sandwich
Samples	Serum, plasma, tissue homogenates and other biological fluids
Detection Range	31.25-2000pg/ml
Sensitivity	18.75pg/ml
Intra-assay Precision	CV<8%
Inter-assay Precision	CV<10%
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

ADDITIONAL INFORMATION

Related Product Information for Bsg elisa kit	Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Capture antibody was pre-coated onto 96- well plates. And the biotin conjugated antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and washed with wash buffer. HRP -Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the target amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of target can be calculated.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	116014342
NCBI GeneID	12215
NCBI Accession #	NP_001070652.1
NCBI GenBank Nucleotide #	NM_001077184.1
UniProt Accession #	P18572; Q6LDB0; Q7TSC0
Molecular Weight	29,674 Da
NCBI Official Full Name	basigin isoform 2

NCBI Official Synonym Full Names	basigin
NCBI Official Symbol	Bsg
NCBI Official Synonym Symbols	HT-7; CD147; EMMPRIN; AI115436; AI325119
NCBI Protein Information	basigin; 5A11/Basigin; HT7 antigen; basic immunoglobulin superfamily; gp 42; membrane glycoprotein gp42; neurothelin
UniProt Protein Name	Basigin
UniProt Gene Name	Bsg
UniProt Entry Name	BASI_MOUSE

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://www.aaabiotech.com/bsg-mouse-elisa-kits/cd147-basigin/250639>