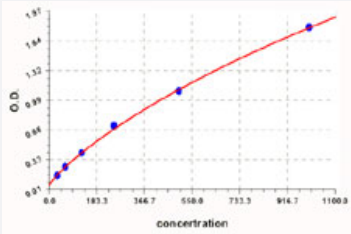
BSG (Human) ELISA Kit

Catalog # KA0988 Size 1 Kit

Applications



The standard curve is for the purpose of illustration only and should not be used to calculate unknowns. A standard curve should be generated each time the assay is performed.

Specification

Product Description	BSG (Human) ELISA Kit is a sandwich enzyme immunoassay for the quantitative measurement of human BSG.
Suitable Sample	Cell Culture Supernatant, serum, plasma (heparin, EDTA), saliva, urine and human milk
Sample Volume	100 uL
Label	HRP-conjugated
Detection Method	Colorimetric
Assay Type	Quantitative
Calibration Range	31.2 to 2000 pg/mL
Reactivity	Human
Regulation Status	For research use only (RUO)
Quality Control Testing	Standard curve The standard curve is for the purpose of illustration only and should not be used to calculate unknowns. A standard curve should be generated each time the assay is performed.
Storage Instruction	Store at 4°C for 6 months, at -20°C for 12 months. Avoid multiple freeze-thaw cycles.

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Applications

- Quantification

Gene Info — BSG

Entrez GeneID	682
Gene Name	BSG
Gene Alias	5F7, CD147, EMMPRIN, M6, OK, TCSF
Gene Description	basigin (Ok blood group)
Omim ID	109480 111380
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a plasma membrane protein that is important in spermatoge nesis, embryo implantation, neural network formation, and tumor progression. The encoded protei n is also a member of the immunoglobulin superfamily. Multiple transcript variants encoding differ ent isoforms have been found for this gene. [provided by RefSeq
Other Designations	CD147 antigen|M6 leukocyte activation antigen|OK blood group antigen|basigin|collagenase stim ulatory factor|extracellular matrix metalloproteinase inducer

Publication Reference

- Active site residues of cyclophilin A are crucial for its signaling activity via CD147.

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  The Journal of Biological Chemistry 2002 Apr; 277(25):22959.

- CD147 is a signaling receptor for cyclophilin B.

  Yurchenko V, O'Connor M, Dai WW, Guo H, Toole B, Sherry B, Bukrinsky M.

  Biochemical and Biophysical Research Communications 2001 Nov; 288(4):786.

- Generation of monoclonal antibodies to integrin-associated proteins. Evidence that alpha3beta1 complexes with EMMPRIN/basigin/OX47/M6.

  Berditchevski F, Chang S, Bodorova J, Hemler ME.

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- Human leukocyte activation antigen M6, a member of the Ig superfamily, is the species homologue of rat OX-47, mouse basigin, and chicken HT7 molecule.

  Kasinrerk W, Fiebiger E, Stefanova I, Baumruker T, Knapp W, Stockinger H.

  Journal of Immunology 1992 Aug; 149(3):847.

Disease

- Cardiovascular Diseases
- Diabetes Mellitus
- Edema

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