

Product Datasheet

Human EMMPRIN/CD147 ELISA Kit (Colorimetric) KA0988

Unit Size: 1 Kit

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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KA0988**Human EMMPRIN/CD147 ELISA Kit (Colorimetric)**

Product Information	
Unit Size	1 Kit
Concentration	Concentration is not relevant for this product. Please see the protocols for proper use of this product.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

Product Description	
Description	Quality control test: Standard curve. BSG (Human) ELISA Kit is a sandwich enzyme immunoassay for the quantitative measurement of human BSG.
Gene ID	682
Gene Symbol	BSG
Species	Human
Kit Components	96-well plate precoated with anti- human Emmprin antibody, Lyophilized recombinant human Emmprin standard, Biotinylated anti- human Emmprin antibody, dilution 1:100, Avidin-Biotin-Peroxidase Complex (ABC), dilution 1:100, Sample diluent buffer, Antibody diluent buffer, ABC diluent buffer, TMB color developing agent, TMB stop solution
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Standard Curve Range	31.2 to 2000 pg/mL
Sensitivity	<2 pg/mL
Assay Type	Sandwich ELISA
Suitable Sample Type	Cell Culture Supernatant, serum, plasma (heparin, EDTA), saliva, urine and human milk
Sample Volume	100 uL

Product Application Details	
Applications	ELISA, Quantification
Recommended Dilutions	ELISA, Quantification
Application Notes	Useful for quantification.

Publications

Berditchevski F, Chang S, Bodorova J, Hemler ME. Generation of monoclonal antibodies to integrin-associated proteins. Evidence that alpha3beta1 complexes with EMMPRIN/basigin/OX47/M6. J Biol Chem. 1997-11-14 [PMID: 9360995]

Yurchenko V, Constant S, Bukrinsky M. Dealing with the family: CD147 interactions with cyclophilins. Immunology. 2006-03-01 [PMID: 16476049]

Kasinrerk W, Fiebiger E, Stefanova I et al. 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. J Immunol. 1992-08-01 [PMID: 1634773]

Yurchenko V, Zybarth G, O'Connor M et al. Active site residues of cyclophilin A are crucial for its signaling activity via CD147. J Biol Chem. 2002-06-21 [PMID: 11943775]

Yurchenko V, O'Connor M, Dai WW et al. CD147 is a signaling receptor for cyclophilin B. Biochem Biophys Res Commun. 2001-11-09 [PMID: 11688976]





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Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. ELISA Kits are guaranteed for 6 months from date of receipt.

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