Bovine Transmembrane 6 superfamily member 1 (TM6SF1) ELISA Kit

Catalog No: #EK6471

Package Size: #EK6471-1 48T #EK6471-2 96T

Orders: order@signalwayantibody.com
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Description

Product Name	Bovine Transmembrane 6 superfamily member 1 (TM6SF1) ELISA Kit
Brief Description	ELISA Kit
Applications	ELISA
Species Reactivity	Bovine (Bos taurus; Cattle)
Accession No.	A6QL84
Uniprot	A6QL84
GeneID	616003;
Storage	The stability of ELISA 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. The loss rate was determined by accelerated thermal degradation test. Keep the kit at 37C for 4 and 7 days, and compare O.D.values of the kit kept at 37C with that of at recommended temperature. (referring from China Biological Products Standard, which was calculated by the Arrhenius equation. For ELISA kit, 4 days storage at 37C can be considered as 6 months at 2 - 8C, which means 7 days at 37C equaling 12 months at 2 - 8C).

Application Details

Detect Range:Request Information

Sensitivity:Request Information

Sample Type:Serum, Plasma, Other biological fluids

Sample Volume: 1-200 µL

Assay Time:1-4.5h

Detection wavelength:450 nm

Product Description

Detection Method:SandwichTest principle:This assay employs a two-site sandwich ELISA to quantitate TM6SF1 in samples. An antibody specific for TM6SF1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and anyTM6SF1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for TM6SF1 is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of TM6SF1 bound in the initial step. The color development is stopped and the intensity of the color is measured.Product Overview:TM9SF1 shows a large N-terminal hydrophilic part and a C-terminal part with nine putative hydrophobic regions characteristic of integral transmembrane domains. Computer searches with sequence databases revealed homologies with three complete yeast proteins and with at least 19 human, 10 plant and one nematode short unidentified protein sequences translated from Expressed Sequence Tags (ESTs). Remarkably, this hMP70 protein retains between 27 and 31% overall sequence identity with the yeast proteins.Gene expression of hMP70 appears to be ubiquitous, as the mRNA is detectable in all human tissues analysed so far, as shown by Northern blot analysis. Furthermore, a protein of about 70 kDa is detectable in different mammalian cell lines, as shown by immunoblot analysis.

Note: This product is for in vitro research use only