Mouse ATP-binding cassette sub-family A member 13 (ABCA13) ELISA Kit

Catalog No: #EK7610

Package Size: #EK7610-1 48T #EK7610-2 96T

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

Description

Product Name	Mouse ATP-binding cassette sub-family A member 13 (ABCA13) ELISA Kit
Brief Description	ELISA Kit
Applications	ELISA
Species Reactivity	Mouse (Mus musculus)
Other Names	DKFZp313D2411; FLJ16398; FLJ33876; FLJ33951; ATP binding cassette transporter A13|ATP binding cassette; sub-family A (ABC1); member 13
Accession No.	Q5SSE9
Uniprot	Q5SSE9
GeneID	268379;
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:78.1-5000 pg/mL

Sensitivity:33 pg/mL

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 ABCA13 in samples. An antibody specific for ABCA13 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and anyABCA13 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for ABCA13 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 ABCA13 bound in the initial step. The color development is stopped and the intensity of the color is measured.Product Overview:ABCA13 is a member of ABC gene subfamily A (ABCA). Genes within the ABCA family typically encode several thousand amino acids. Like other ABC transmembrane transporter proteins, this protein has 12 or more transmembrane alpha-helix domains that likely arrange to form a single central chamber with multiple substrate binding sites. It is also predicted to have two large extracellular domains and two nucleotide binding domains as is typical for ABCA proteins. Alternative splice variants have been described but their biological validity has not been demonstrated. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.

Note: This product is for in vitro research use only