

Human Putative ATP-binding cassette sub-family C member 13 (ABCC13) ELISA Kit

Catalog No: #EK7620

Orders: order@signalwayantibody.com

Package Size: #EK7620-1 48T #EK7620-2 96T

Support: tech@signalwayantibody.com

Description

Product Name	Human Putative ATP-binding cassette sub-family C member 13 (ABCC13) ELISA Kit
Brief Description	ELISA Kit
Applications	ELISA
Species Reactivity	Human (Homo sapiens)
Other Names	C21orf73; PRED6; ATP-binding cassette protein C13
Accession No.	Q9NSE7
Uniprot	Q9NSE7
Storage	<p>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.</p> <p>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).</p>

Application Details

Detect Range:0.156-10 ng/mL

Sensitivity:0.057 ng/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:Sandwich Test principle:This assay employs a two-site sandwich ELISA to quantitate ABCC13 in samples. An antibody specific for ABCC13 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and anyABCC13 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for ABCC13 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 ABCC13 bound in the initial step. The color development is stopped and the intensity of the color is measured.**Product Overview:**Putative ATP-binding cassette transporter sub-family C member 13 is a member of the superfamily of genes encoding ATP-binding cassette (ABC) transporters. This family member is part of the MRP subfamily, which is involved in multi-drug resistance, but the human locus is now thought to be a pseudogene incapable of encoding a functional ABC protein. Alternative splicing results in multiple transcript variants; however, not all variants have been fully described.

Highest expression in fetal liver and fetal spleen. In the adult, highest levels are found in the colon ascending and transverse. Also expressed in brain, placenta, lung, liver, pancreas and ovary. In bone marrow cells, levels are several fold higher than in peripheral blood leukocytes.

Note: This product is for in vitro research use only