

Human ATP Binding Cassette Transporter C12 (ABCC12) ELISA Kit | ABCC12 elisa kit

Human ATP Binding Cassette Transporter C12 (ABCC12) ELISA Kit

CATALOG #
AAA68195

REACTIVITY
Human

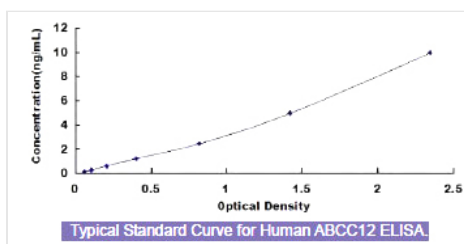
PRODUCT SYNONYMS

ATP Binding Cassette Transporter C12 (ABCC12); Human ATP Binding Cassette Transporter C12 (ABCC12) ELISA Kit; ABCC12 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of ABCC12. No significant cross-reactivity or interference between ABCC12 and analogues was observed.
Sequence Length	930
Samples	Serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids.
Assay Type	Sandwich
Detection Range	0.156-10ng/mL
Sensitivity	0.072ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level ABCC12 were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level ABCC12 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ABCC12 elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of ABCC12 in human serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to ABCC12. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to ABCC12. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain ABCC12, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of ABCC12 in the samples is then determined by comparing the O.D. of the samples to the standard curve.
--	--

NCBI AND UNIPROT INFORMATION

NCBI GI #	89111135
NCBI GeneID	94160
NCBI Accession #	NP_150229.2
NCBI GenBank Nucleotide #	NM_033226.2
UniProt Accession #	Q96J65; Q49AL2; Q8TAF0; Q8TEY2
Molecular Weight	104,660 Da
NCBI Official Full Name	multidrug resistance-associated protein 9
NCBI Official Synonym Full Names	ATP binding cassette subfamily C member 12
NCBI Official Symbol	ABCC12
NCBI Official Synonym Symbols	MRP9
NCBI Protein Information	multidrug resistance-associated protein 9
UniProt Protein Name	Multidrug resistance-associated protein 9
UniProt Gene Name	ABCC12
UniProt Synonym Gene Names	MRP9

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/atp-binding-cassette-transporter-c12-abcc12/68195>