

Human ATP Binding Cassette Transporter C2 (ABCC2) ELISA Kit | ABCC2 elisa kit

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CATALOG #
AAA68008

REACTIVITY
Human

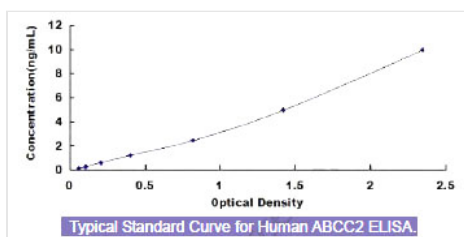
PRODUCT SYNONYMS

ATP Binding Cassette Transporter C2 (ABCC2); Human ATP Binding Cassette Transporter C2 (ABCC2) ELISA Kit; ABCC2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of ABCC2. No significant cross-reactivity or interference between ABCC2 and analogues was observed.
Sequence Length	1,545
Samples	Tissue homogenates, cell lysates and other biological fluids.
Assay Type	Sandwich
Detection Range	0.156-10ng/mL
Sensitivity	0.067ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level ABCC2 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 ABCC2 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 ABCC2 elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of ABCC2 in human tissue homogenates, cell lysates and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to ABCC2. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to ABCC2. 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 ABCC2, 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 ABCC2 in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4557481
NCBI GeneID	1244
NCBI Accession #	NP_000383.1
NCBI GenBank Nucleotide #	NM_000392.4
UniProt Accession #	Q92887; Q14022; Q5T2B1; Q92500; Q92798; Q99663; Q9UMS2; B2RMT8
Molecular Weight	174,207 Da
NCBI Official Full Name	canalicular multispecific organic anion transporter 1
NCBI Official Synonym Full Names	ATP binding cassette subfamily C member 2
NCBI Official Symbol	ABCC2
NCBI Official Synonym Symbols	DJS; MRP2; cMRP; ABC30; CMOAT
NCBI Protein Information	canalicular multispecific organic anion transporter 1
UniProt Protein Name	Canalicular multispecific organic anion transporter 1
UniProt Gene Name	ABCC2
UniProt Synonym Gene Names	CMOAT; CMOAT1; CMRP; MRP2

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.

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Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/atp-binding-cassette-transporter-c2-abcc2/68008>