

Human ATP Binding Cassette Transporter C6 (ABCC6) ELISA Kit | ABCC6 elisa kit

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CATALOG #
AAA67993

REACTIVITY
Human

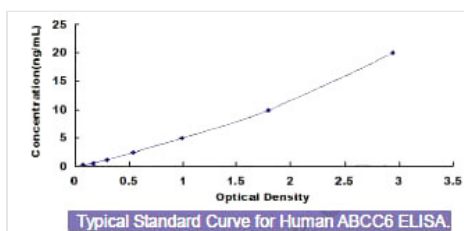
PRODUCT SYNONYMS

ATP Binding Cassette Transporter C6 (ABCC6); Human ATP Binding Cassette Transporter C6 (ABCC6) ELISA Kit; ABCC6 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of ABCC6. No significant cross-reactivity or interference between ABCC6 and analogues was observed.
Sequence Length	871
Samples	Tissue homogenates, cell lysates and other biological fluids.
Assay Type	Sandwich
Detection Range	0.312-20ng/mL
Sensitivity	0.126ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level ABCC6 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 ABCC6 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 ABCC6 elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of ABCC6 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 ABCC6. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to ABCC6. 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 ABCC6, 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 ABCC6 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 #	118582251
NCBI GeneID	368
NCBI Accession #	NP_001072996.1
NCBI GenBank Nucleotide #	NM_001079528.3
UniProt Accession #	O95255; P78420; Q8TCY8; Q9UMZ7; A2RRN8; A8KIG6; A8Y988; E7ESW8
Molecular Weight	95,877 Da
NCBI Official Full Name	URG7 protein isoform 2
NCBI Official Synonym Full Names	ATP binding cassette subfamily C member 6
NCBI Official Symbol	ABCC6
NCBI Official Synonym Symbols	ARA; PXE; MLP1; MRP6; PXE1; URG7; ABC34; GACI2; MOATE; MOAT-E; EST349056
NCBI Protein Information	multidrug resistance-associated protein 6; URG7 protein
UniProt Protein Name	Multidrug resistance-associated protein 6
UniProt Gene Name	ABCC6
UniProt Synonym Gene Names	ARA; MRP6; MOAT-E

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-c6-abcc6/67993>