

Human ATP Binding Cassette Transporter C3 (ABCC3) ELISA Kit | ABCC3 elisa kit

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CATALOG #
AAA68091

REACTIVITY
Human

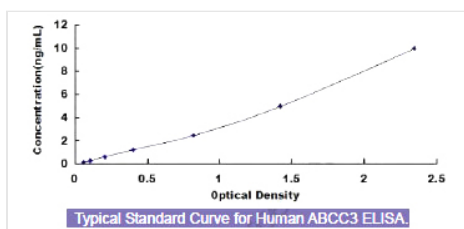
PRODUCT SYNONYMS

ATP Binding Cassette Transporter C3 (ABCC3); Human ATP Binding Cassette Transporter C3 (ABCC3) ELISA Kit; ABCC3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of ABCC3. No significant cross-reactivity or interference between ABCC3 and analogues was observed.
Sequence Length	572
Samples	Tissue homogenates, cell lysates and other biological fluids.
Assay Type	Sandwich
Detection Range	0.312-20ng/mL
Sensitivity	0.105ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level ABCC3 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 ABCC3 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 ABCC3 elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of ABCC3 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 ABCC3. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to ABCC3. 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 ABCC3, 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 ABCC3 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 #	221316556
NCBI GeneID	8714
NCBI Accession #	NP_001137542.1
NCBI GenBank Nucleotide #	NM_001144070.1
UniProt Accession #	O15438; O60265; O60922; O75621; O95078; O95289; O95290; Q86X85; Q9UN52; B2RPA9; D3DTX9
Molecular Weight	64,632 Da
NCBI Official Full Name	canalicular multispecific organic anion transporter 2 isoform 2
NCBI Official Synonym Full Names	ATP binding cassette subfamily C member 3
NCBI Official Symbol	ABCC3
NCBI Official Synonym Symbols	MLP2; MRP3; ABC31; MOAT-D; cMOAT2; EST90757
NCBI Protein Information	canalicular multispecific organic anion transporter 2
UniProt Protein Name	Canalicular multispecific organic anion transporter 2
UniProt Gene Name	ABCC3
UniProt Synonym Gene Names	CMOAT2; MLP2; MRP3; MOAT-D

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://www.aaabiotech.com/human-elisa-kits/atp-binding-cassette-transporter-c3-abcc3/68091>