

Human Canalicular Multispecific Organic Anion Transporter 2 (ABCC3) ELISA Kit | ABCC3 elisa kit

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CATALOG # AAA331054	REACTIVITY Human
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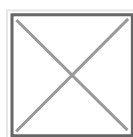
PRODUCT SYNONYMS

Canalicular Multispecific Organic Anion Transporter 2 (ABCC3); Human Canalicular Multispecific Organic Anion Transporter 2 (ABCC3) ELISA Kit; ABCC3; ABC31; DKFZp686E22157; EST90757; MLP2; MOAT-D; MRP3; cMOAT2; ATP-binding cassette; sub-family C; member 3; canicular multispecific organic anion transporter; multidrug resistance associated protein; ABCC3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Canalicular multispecific organic anion transporter 2 (ABCC3) ELISA Kit has high sensitivity and excellent specificity for detection of Human ABCC3. No significant cross-reactivity or interference between Human ABCC3 and analogues was observed.
Sequence Length	572
Assay Type	Sandwich ELISA (Quantitative)
Samples	Cell Culture Supernatants, Serum, Plasma, Other Biological Fluids
Detection Method	Colorimetric
Usage Notes	* Do not mix components from different kit lots or use reagents beyond the kit expiration date. * Allow all reagents to warm to room temperature for at least 30 minutes before opening. * Pre-rinse the pipet tip with reagent, use fresh pipet tips for each sample, standard and reagent to avoid contamination. * Unused wells must be kept desiccated at 4 degree C in the sealed bag provided. * Mix Thoroughly is very important for the result. It is recommended using low frequency oscillator or slight hand shaking every 10 minutes. * It is recommended that all samples and standards be assayed in duplicate or triplicate.
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

Fig.1. Human Canalicular multispecific organic anion transporter 2 (ABCC3) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for ABCC3 elisa kit	Description: This Human Canalicular multispecific organic anion transporter 2 (ABCC3) ELISA Kit employs a two-site sandwich ELISA to quantitate ABCC3 in samples. An antibody specific for ABCC3 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any ABCC3 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for ABCC3 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 ABCC3 bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: Canalicular multispecific organic anion transporter 2 is a member of the superfamily of ATP-binding cassette (ABC) transporters. ABC proteins transport various molecules across extra- and intra-cellular membranes. ABC genes are divided into seven distinct subfamilies (ABC1, MDR/TAP, MRP, ALD, OABP, GCN20, White). This protein is a member of the MRP subfamily which is involved in multi-drug resistance. The specific function of this protein has not yet been determined; however, this protein may play a role in the transport of biliary and intestinal excretion of organic anions. Alternatively spliced variants which encode different protein isoforms have been described; however, not all variants have been fully characterized.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	221316556
NCBI GeneID	8714
NCBI Accession #	NP_001137542.1
NCBI GenBank Nucleotide #	NP_001137542.1
UniProt Accession #	O15438
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
UniProt Entry Name	MRP3_HUMAN

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/canalicular-multispecific-organic-anion-transporter-2-abcc3/331054>