

Human Multidrug Resistance-Associated Protein 6 (ABCC6) ELISA Kit | ABCC6 elisa kit

Human Multidrug Resistance-Associated Protein 6 (ABCC6) ELISA Kit

CATALOG #
AAA331056

REACTIVITY
Human

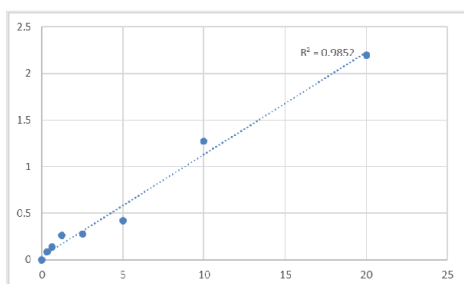
PRODUCT SYNONYMS

Multidrug Resistance-Associated Protein 6 (ABCC6); Human Multidrug Resistance-Associated Protein 6 (ABCC6) ELISA Kit; ABCC6; ABC34; ARA; EST349056; MLP1; MOATE; MRP6; PXE; PXE1; URG7; ATP-binding cassette; sub-family C; member 6; anthracycline resistance-associated protein; ABCC6 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Multidrug resistance-associated protein 6 (ABCC6) ELISA Kit has high sensitivity and excellent specificity for detection of Human ABCC6. No significant cross-reactivity or interference between Human ABCC6 and analogues was observed.
Sequence Length	1503
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 Multidrug resistance-associated protein 6 (ABCC6) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for ABCC6 elisa kit	Description: This Human Multidrug resistance-associated protein 6 (ABCC6) ELISA Kit employs a two-site sandwich ELISA to quantitate ABCC6 in samples. An antibody specific for ABCC6 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any ABCC6 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for ABCC6 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 ABCC6 bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: Multidrug resistance-associated protein 6 is 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 multidrug resistance.Defects in ABCC6 are the cause of pseudoxanthoma elasticum (PXE). PXE is a disorder characterized by calcification of elastic fibers in skin, arteries and retina that results in dermal lesions with associated laxity and loss of elasticity, arterial insufficiency and retinal hemorrhages leading to macular degeneration.
---	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	190343023
NCBI GeneID	368
NCBI Accession #	NP_001162.4
NCBI GenBank Nucleotide #	NP_001162.4
UniProt Accession #	O95255
NCBI Official Full Name	multidrug resistance-associated protein 6 isoform 1
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
UniProt Entry Name	MRP6_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/multidrug-resistance-associated-protein-6-abcc6/331056>