

Human Multidrug resistance-associated protein 4 ELISA Kit | ABCC4 elisa kit

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CATALOG #
AAA101284

REACTIVITY
Human

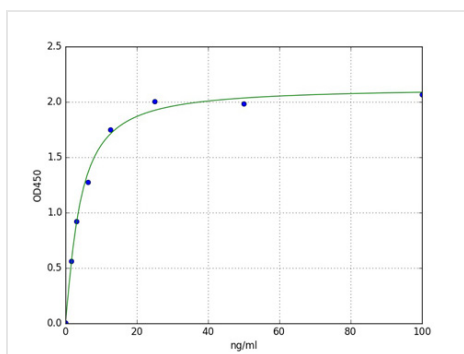
PRODUCT SYNONYMS

Multidrug resistance-associated protein 4; Human Multidrug resistance-associated protein 4 ELISA Kit; ABCC4 (Multidrug resistance-associated protein 4)/MRP4/MOAT-B/Multi-specific organic anion transporter B/ATP-binding cassette sub-family C member 4/MRP/cMOAT-related ABC transporter; ABCC4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	1278
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	1.563-100ng/ml
Sensitivity	0.938ng/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

Typical Data & Standard Curve

Results of a typical standard run of a Human ABCC4 ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	ng/ml	0	1.563	3.125	6.25	12.5	25	50	100
Y	OD450	0.032	0.070	0.116	0.208	0.407	0.703	1.309	2.088

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ABCC4 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Human ABCC4 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human ABCC4 antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Human ABCC4 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human ABCC4 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	685504974
NCBI GeneID	10257
NCBI Accession #	NP_001288758.1
NCBI GenBank Nucleotide #	NM_001301829.1
Molecular Weight	88,138 Da
NCBI Official Full Name	multidrug resistance-associated protein 4 isoform 3
NCBI Official Synonym Full Names	ATP binding cassette subfamily C member 4
NCBI Official Symbol	ABCC4
NCBI Official Synonym Symbols	MRP4; MOATB; MOAT-B
NCBI Protein Information	multidrug resistance-associated protein 4
UniProt Protein Name	Multidrug resistance-associated protein 4
UniProt Gene Name	ABCC4
UniProt Synonym Gene Names	MRP4; MOAT-B
UniProt Entry Name	MRP4_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/abcc4-human-elisa-kits/multidrug-resistance-associated-protein-4/101284>