

Human multidrug resistance-associated protein, MRP ELISA Kit | MRP elisa kit

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CATALOG #
AAA43166

REACTIVITY
Human

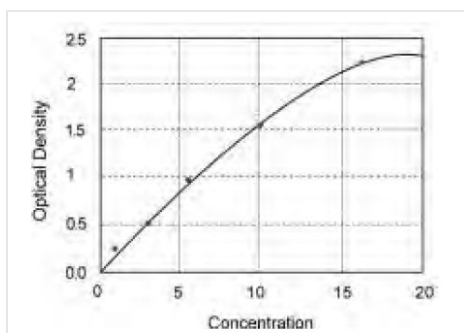
PRODUCT SYNONYMS

multidrug resistance-associated protein; MRP; Human multidrug resistance-associated protein; MRP ELISA Kit; MRP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	1514
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids
Detection Range	0.1-40ng/ml
Sensitivity	0.05ng/ml
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. Inter-Assay: CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MRP elisa kit	Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Human MRP antibody. MRP present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Human MRP Antibody is added and binds to MRP in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated MRP antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Human MRP. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm. Intended Uses: This sandwich kit is for the accurate quantitative detection of Human multidrug resistance-associated protein (also known as MRP) in serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	15559191
NCBI GeneID	8714
UniProt Accession #	Q96QA9; O15438
Molecular Weight	167,827 Da
NCBI Official Full Name	multidrug resistance associated protein
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	Multidrug resistance associated protein
UniProt Gene Name	MRP3

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/multidrug-resistance-associated-protein-mrp/43166>