

Human MRP1 (Multidrug Resistance Associated Protein 1) CLIA Kit | MRP1 clia kit

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CATALOG #
AAA171376

REACTIVITY
Human

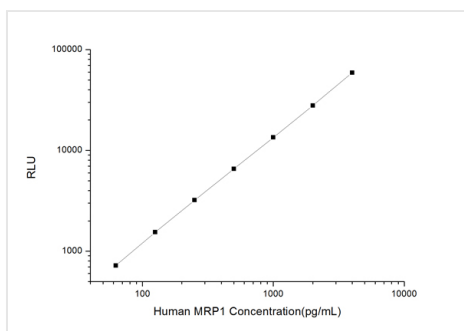
PRODUCT SYNONYMS

MRP1 (Multidrug Resistance Associated Protein 1); Human MRP1 (Multidrug Resistance Associated Protein 1) CLIA Kit; MRP1 clia kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This kit recognizes natural and recombinant MRP1. No significant cross-reactivity or interference between MRP1 and analogues was observed.
Sequence Length	1531
Assay Type	Sandwich
Detection Range	62.5-4000pg/mL
Sensitivity	Min: 37.5pg/mL; Max: 4000pg/mL

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MRP1 clia kit

Intended Uses: This CLIA kit applies to the in vitro quantitative determination of MRP1 concentrations in serum, plasma and other biological fluids.

Principle of the Assay: This kit uses Sandwich-CLIA as the method. The micro CLIA plate provided in this kit has been pre-coated with an antibody specific to MRP1. Standards or samples are added to the appropriate micro CLIA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for MRP1 and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain MRP1, biotinylated detection antibody and Avidin-HRP conjugate will appear fluorescence. The Relative light unit (RLU) value is measured spectrophotometrically by the Chemiluminescence immunoassay analyzer. The RLU value is positively associated with the concentration of MRP1. You can calculate the concentration of MRP1 in the samples by comparing the RLU value of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	134142337
NCBI GeneID	4363
NCBI Accession #	NP_004987.2
NCBI GenBank Nucleotide #	NM_004996.3
UniProt Accession #	P33527; O14819; O43333; P78419; Q59GI9; Q9UQ97; Q9UQ99; Q9UQA0; A3RJX2; C9JPJ4
Molecular Weight	172,640 Da
NCBI Official Full Name	multidrug resistance-associated protein 1
NCBI Official Synonym Full Names	ATP binding cassette subfamily C member 1
NCBI Official Symbol	ABCC1
NCBI Official Synonym Symbols	MRP; ABCC; GS-X; MRP1; ABC29
NCBI Protein Information	multidrug resistance-associated protein 1
UniProt Protein Name	Multidrug resistance-associated protein 1
UniProt Gene Name	ABCC1
UniProt Synonym Gene Names	MRP; MRP1; LTC4 transporter
UniProt Entry Name	MRP1_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-clia-kits/mrp1-multidrug-resistance-associated-protein-1/171376>