

Rat Multidrug Resistance Associated Protein 1 (MRP1) RTU ELISA Kit | MRP1 rtu elisa kit

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CATALOG #
AAA217173

REACTIVITY
Rat

PRODUCT SYNONYMS

Multidrug Resistance Associated Protein 1 (MRP1); Rat Multidrug Resistance Associated Protein 1 (MRP1) ELISA Kit; ABCC1; ABC29; ABCC; GS-X; ATP-Binding Cassette; Subfamily C(CFTR/MRP)Member 1; Leukotriene C(4) transporter; MRP1 rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	1532
Assay Type	Sandwich
Samples	Tissue Homogenates, Cell Lysates or Other Biological Fluids.
Detection Range	0.312-20ng/mL
Sensitivity	0.118ng/mL
RTU ELISA Kit's Advantage	The Ready-To-Use (RTU) Kits require fewer steps in setup and take less time to run. Detection Solutions are pre-diluted and total incubation time is shorter than many other ELISA Kits.
Preparation and Storage	For unopened kits: All the reagents should be kept at 4 degree C upon receipt. For opened kits: Once the kit is opened, the remaining reagents still need to be stored according to the above storage conditions. In addition, return the unused wells to the foil pouch containing the desiccant pack and reseal along entire edge of zip-seal.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MRP1 rtu elisa kit

Test Principle: The microtiter plate provided in this kit has been pre-coated with an antibody specific to MRP1. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to MRP1. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain MRP1, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm $\pm$ 10nm. The concentration of MRP1 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	31542029
NCBI GeneID	24565

NCBI Accession #	NP_071617.2
NCBI GenBank Nucleotide #	NM_022281.2
UniProt Accession #	Q8CG09 ; Q63346 ; Q810E4 ; Q810G9 ; Q9JHS0
Molecular Weight	170,496 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; Mrp1; Abcc1a; Avcc1a
NCBI Protein Information	multidrug resistance-associated protein 1
UniProt Protein Name	Multidrug resistance-associated protein 1
UniProt Gene Name	Abcc1
UniProt Synonym Gene Names	Mrp1; LTC4 transporter

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/rat-rtu-elisa-kits/multidrug-resistance-associated-protein-1-mrp1/217173>