

Mouse ATP Binding Cassette Transporter G2 (ABCG2) RTU ELISA Kit | ABCG2 rtu elisa kit

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CATALOG #
AAA68810

REACTIVITY
Mouse

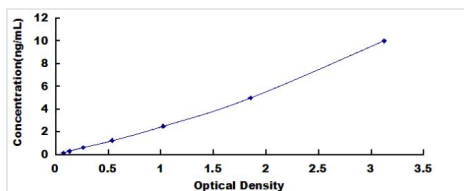
PRODUCT SYNONYMS

ATP Binding Cassette Transporter G2 (ABCG2); Mouse ATP Binding Cassette Transporter G2 (ABCG2) ELISA Kit; CDw338; CD338; ABC-G2; MRX; BCRP1; ABC15; ABCP; BCRP; BMDP; MXR; MXR1; Mitoxantrone resistance-associated protein; Breast Cancer Resistance Protein 1; Urate exporter; ABCG2 rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	657
Assay Type	Sandwich
Samples	Tissue Homogenates or Other Biological Fluids.
Detection Range	0.156-10ng/mL
Sensitivity	0.055ng/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 ABCG2 rtu elisa kit

Test Principle: The microtiter plate provided in this kit has been pre-coated with an antibody specific to ABCG2. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to ABCG2. 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 ABCG2, 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 ABCG2 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	6752944
NCBI GeneID	26357
NCBI Accession #	NP_036050.1
NCBI GenBank Nucleotide #	NM_011920.3
UniProt Accession #	Q7TMS5; Q9R004; Q9Z1T0
Molecular Weight	72,978 Da
NCBI Official Full Name	ATP-binding cassette sub-family G member 2
NCBI Official Synonym Full Names	ATP binding cassette subfamily G member 2 (Junior blood group)
NCBI Official Symbol	Abcg2
NCBI Official Synonym Symbols	MXR; ABCP; BCRP; MXR1; ABC15; Bcrp1; AI428558
NCBI Protein Information	ATP-binding cassette sub-family G member 2
UniProt Protein Name	ATP-binding cassette sub-family G member 2
UniProt Gene Name	Abcg2
UniProt Synonym Gene Names	Abcp; Bcrp1

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/mouse-rtu-elisa-kits/atp-binding-cassette-transporter-g2-abcg2/68810>