

Human ATP-binding cassette transporter G2, ABCG2 ELISA Kit | ABCG2 elisa kit

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CATALOG #
AAA42600

REACTIVITY
Human

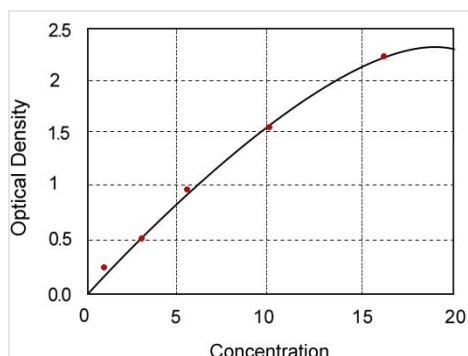
PRODUCT SYNONYMS

ATP-binding cassette transporter G2; ABCG2; Human ATP-binding cassette transporter G2; ABCG2 ELISA Kit; ABCG2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	655
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.2ng/ml - 60ng/ml
Sensitivity	0.08ng/ml
Intra-Assay	CV<8%
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 ABCG2 elisa kit	Intended Uses: This sandwich kit is for the accurate quantitative detection of human ATP-binding Cassette Transporter G2 (also known as ABCG2) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates. Principles of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with human ABCG2 antibody. ABCG2 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human ABCG2 Antibody is added and binds to ABCG2 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated ABCG2 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 ABCG2. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	62526033
NCBI GeneID	9429
NCBI Accession #	NP_004818.2
NCBI GenBank Nucleotide #	NM_004827.2
UniProt Accession #	Q9UNQ0; Q95374; Q4W5I3; Q53ZQ1; Q569L4; Q5YLG4; Q86V64; Q8IX16; Q96LD6; Q96TA8; A0A1W3; A8K1T5
Molecular Weight	67,453 Da
NCBI Official Full Name	ATP-binding cassette sub-family G member 2 isoform 1
NCBI Official Synonym Full Names	ATP binding cassette subfamily G member 2 (Junior blood group)
NCBI Official Symbol	ABCG2
NCBI Official Synonym Symbols	MRX; MXR; ABCP; BCRP; BMDP; MXR1; ABC15; BCRP1; CD338; GOUT1; MXR-1; CDw338; UAQTL1; EST157481
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; BCRP; BCRP1; MXR

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/atp-binding-cassette-transporter-g2-abcg2/42600>