

Human ATP-binding cassette transporter A1, ABCA1 ELISA Kit | ABCA1 elisa kit

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CATALOG #
AAA42270

REACTIVITY
Human

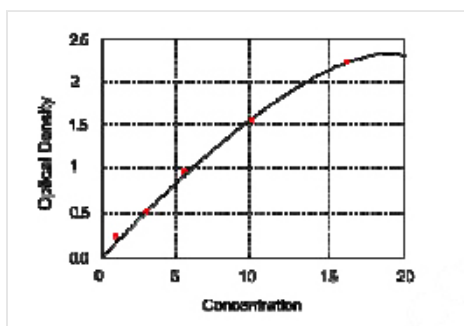
PRODUCT SYNONYMS

ATP-binding cassette transporter A1; ABCA1; Human ATP-binding cassette transporter A1; ABCA1 ELISA Kit; ABCA1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	2261
Samples	Serum, Plasma, Cell Culture Supernates, Cell Lysates, Tissue Homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.5ng/ml-100ng/ml
Sensitivity	0.26ng/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 ABCA1 elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of human Aspergillus Galactomannan (also known as GM) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with human GM antibody. GM present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human GM Antibody is added and binds to GM in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated GM 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 GM. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	21536376
NCBI GeneID	19
NCBI Accession #	NP_005493.2
NCBI GenBank Nucleotide #	NM_005502.3
UniProt Accession #	O95477; Q5VX33; Q96S56; Q96T85; Q9NQV4; Q9UN06; Q9UN07; Q9UN08; Q9UN09
Molecular Weight	254,302 Da
NCBI Official Full Name	ATP-binding cassette sub-family A member 1
NCBI Official Synonym Full Names	ATP binding cassette subfamily A member 1
NCBI Official Symbol	ABCA1
NCBI Official Synonym Symbols	TGD; ABC1; CERP; ABC-1; HDLDT1
NCBI Protein Information	ATP-binding cassette sub-family A member 1
UniProt Protein Name	ATP-binding cassette sub-family A member 1
UniProt Gene Name	ABCA1
UniProt Synonym Gene Names	ABC1; CERP; ABC-1; ATP-binding cassette 1

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-a1-abca1/42270>