

Human ATP Binding Cassette Transporter A4 (ABCA4) RTU ELISA Kit | ABCA4 rtu elisa kit

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CATALOG #
AAA68795

REACTIVITY
Human

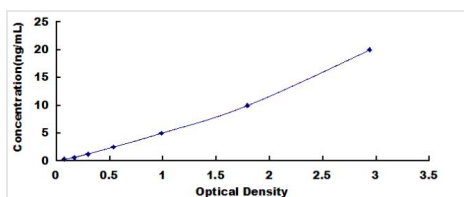
PRODUCT SYNONYMS

ATP Binding Cassette Transporter A4 (ABCA4); Human ATP Binding Cassette Transporter A4 (ABCA4) ELISA Kit; ABC-A4; ABC10; ABCR; ARMD2; CORD3; FFM; RMP; RP19; STGD; STGD1; Stargardt disease protein; Retinal-specific ATP-binding cassette transporter; RIM ABC transporter; ABCA4 rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	2273
Assay Type	Sandwich
Samples	Tissue Homogenates, Cell Lysates or Other Biological Fluids.
Detection Range	0.312-20ng/mL
Sensitivity	0.112ng/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 ABCA4 rtu elisa kit

Test Principle: The microtiter plate provided in this kit has been pre-coated with an antibody specific to ABCA4. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to ABCA4. 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 ABCA4, 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 ABCA4 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	105990541
NCBI GeneID	24
NCBI Accession #	NP_000341.2
NCBI GenBank Nucleotide #	NM_000350.2
UniProt Accession #	P78363; O15112; O60438; O60915; Q0QD48; Q4LE31
Molecular Weight	255,944 Da
NCBI Official Full Name	retinal-specific ATP-binding cassette transporter
NCBI Official Synonym Full Names	ATP binding cassette subfamily A member 4
NCBI Official Symbol	ABCA4
NCBI Official Synonym Symbols	FFM; RMP; ABCR; RP19; STGD; ABC10; ARMD2; CORD3; STGD1
NCBI Protein Information	retinal-specific ATP-binding cassette transporter
UniProt Protein Name	Retinal-specific ATP-binding cassette transporter
UniProt Gene Name	ABCA4
UniProt Synonym Gene Names	ABCR; RIM protein; RmP

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://www.aaabiotech.com/human-rtu-elisa-kits/atp-binding-cassette-transporter-a4-abca4/68795>