

Mouse ATP-binding cassette sub-family C member 8 (ABCC8) ELISA Kit | ABCC8 elisa kit

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CATALOG #
AAA246306

REACTIVITY
Mouse

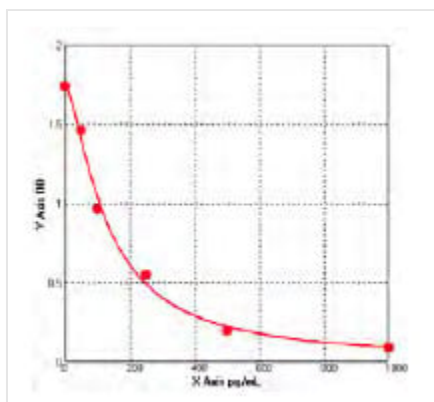
PRODUCT SYNONYMS

ATP-binding cassette sub-family C member 8 (ABCC8); Mouse ATP-binding cassette sub-family C member 8 (ABCC8) ELISA Kit; ABCC8 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Samples	Serum, Plasma, Cell Culture Supernatants, Body Fluid And Tissue Homogenate
Assay Type	Quantitative Competitive
Sensitivity	0.1 ng/mL.
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ABCC8 elisa kit

Intended Uses: This ABCC8 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human ABCC8. This ELISA kit for research use only!

Principle of the Assay: ABCC8 ELISA kit applies the competitive enzyme immunoassay technique utilizing an anti-ABCC8 antibody and an ABCC8-HRP conjugate. The assay sample and buffer are incubated together with ABCC8-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the ABCC8 concentration since ABCC8 from samples and ABCC8-HRP conjugate compete for the anti-ABCC8 antibody binding site. Since the number of sites is limited, as more sites are occupied by ABCC8 from the sample, fewer sites are left to bind ABCC8-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The ABCC8 concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	148368981
NCBI GeneID	25559
NCBI Accession #	NP_037171.2
NCBI GenBank Nucleotide #	NM_013039.2
Molecular Weight	177,097 Da
NCBI Official Full Name	ATP-binding cassette sub-family C member 8
NCBI Official Synonym Full Names	ATP-binding cassette, subfamily C (CFTR/MRP), member 8
NCBI Official Symbol	Abcc8
NCBI Official Synonym Symbols	Sur; Sur1
NCBI Protein Information	ATP-binding cassette sub-family C member 8; sulfonylurea receptor 1; sulphonylurea receptor 1; ATP-binding cassette transporter sub-family C member 8; ATP-binding cassette, sub-family C (CFTR/MRP), member 8
UniProt Protein Name	ATP-binding cassette sub-family C member 8
UniProt Gene Name	Abcc8
UniProt Synonym Gene Names	Sur; Sur1
UniProt Entry Name	ABCC8_RAT

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-elisa-kits/atp-binding-cassette-sub-family-c-member-8-abcc8/246306>