

Mouse Bile salt export pump ELISA Kit | Abcb11 elisa kit

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CATALOG #
AAA102185

REACTIVITY
Mouse

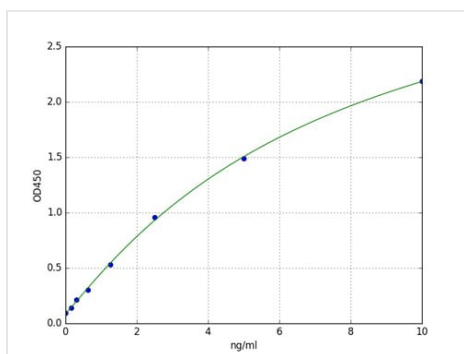
PRODUCT SYNONYMS

Bile salt export pump; Mouse Bile salt export pump ELISA Kit; Abcb11/Bsep/Spgrp/ATP-binding cassette sub-family B member 11/Sister of P-glycoprotein; Abcb11 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	1321
Assay Type	Sandwich ELISA, Double Antibody
Samples	cell or tissue lysate, Other liquid samples
Detection Range	0.156-10ng/ml
Sensitivity	0.094ng/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

Typical Data & Standard Curve

Results of a typical standard run of a Mouse Abcb11 ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	ng/ml	0	0.156	0.313	0.625	1.25	2.5	5	10
Y	OD450	0.073	0.154	0.236	0.372	0.697	0.994	1.679	1.738

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Abcb11 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. anti-Mouse Abcb11 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Mouse Abcb11 antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Mouse Abcb11 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Mouse Abcb11 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	21536378
NCBI GeneID	8647
NCBI Accession #	NP_003733.2
NCBI GenBank Nucleotide #	NM_003742.2
Molecular Weight	146,407 Da
NCBI Official Full Name	bile salt export pump
NCBI Official Synonym Full Names	ATP binding cassette subfamily B member 11
NCBI Official Symbol	ABCB11
NCBI Official Synonym Symbols	BSEP; PGY4; SPGP; ABC16; BRIC2; PFIC2; PFIC-2
NCBI Protein Information	bile salt export pump
UniProt Protein Name	Bile salt export pump
UniProt Gene Name	ABCB11
UniProt Synonym Gene Names	BSEP
UniProt Entry Name	ABCB11_HUMAN

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/abcb11-mouse-elisa-kits/bile-salt-export-pump/102185>