

Rat ATP-binding cassette sub-family G member 8 (ABCG8) ELISA Kit | ABCG8 elisa kit

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CATALOG #
AAA120919

REACTIVITY
Rat

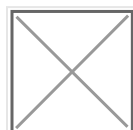
PRODUCT SYNONYMS

ATP-binding cassette sub-family G member 8 (ABCG8); Rat ATP-binding cassette sub-family G member 8 (ABCG8) ELISA Kit; ABCG8 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	673
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	20ng/L - 6000ng/L
Sensitivity	10.21ng/L
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 ABCG8 elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of Rat ATP-Binding Cassette Sub-Family G Member 8 (also known as ABCG8) 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 Rat ABCG8 antibody. ABCG8 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Rat ABCG8 Antibody is added and binds to ABCG8 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated ABCG8 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 Rat ABCG8. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	11967971
NCBI GeneID	64241
NCBI Accession #	NP_071882.1

NCBI GenBank Nucleotide #	NM_022437.2
UniProt Accession #	Q9H221 ; Q53QN8
Molecular Weight	75,592 Da
NCBI Official Full Name	ATP-binding cassette sub-family G member 8 isoform 1
NCBI Official Synonym Full Names	ATP binding cassette subfamily G member 8
NCBI Official Symbol	ABCG8
NCBI Official Synonym Symbols	GBD4; STSL
NCBI Protein Information	ATP-binding cassette sub-family G member 8
UniProt Protein Name	ATP-binding cassette sub-family G member 8
UniProt Gene Name	ABCG8

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/rat-elisa-kits/atp-binding-cassette-sub-family-g-member-8-abcg8/120919>