

Rat ATP-binding cassette sub-family G member 5 (ABCG5) ELISA Kit | ABCG5 elisa kit

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CATALOG #
AAA120918

REACTIVITY
Rat

PRODUCT SYNONYMS

ATP-binding cassette sub-family G member 5 (ABCG5); Rat ATP-binding cassette sub-family G member 5 (ABCG5) ELISA Kit; ABCG5 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	651
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.05ng/ml - 20ng/ml
Sensitivity	0.023ng/ml
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 ABCG5 elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of Rat ATP-Binding Cassette Sub-Family G Member 5 (also known as ABCG5) 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 ABCG5 antibody. ABCG5 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Rat ABCG5 Antibody is added and binds to ABCG5 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated ABCG5 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 ABCG5. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	11967969
NCBI GeneID	64240
NCBI Accession #	NP_071881.1
NCBI GenBank Nucleotide #	NM_022436.2
UniProt Accession #	Q9H222; Q2T9G2; Q96QZ2; Q96QZ3
Molecular Weight	28,480 Da
NCBI Official Full Name	ATP-binding cassette sub-family G member 5
NCBI Official Synonym Full Names	ATP binding cassette subfamily G member 5
NCBI Official Symbol	ABCG5
NCBI Official Synonym Symbols	STSL
NCBI Protein Information	ATP-binding cassette sub-family G member 5
UniProt Protein Name	ATP-binding cassette sub-family G member 5
UniProt Gene Name	ABCG5

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-5-abcg5/120918>