

Rat ATP-binding cassette sub-family G member 2 ELISA Kit | Abcg2 elisa kit

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CATALOG # AAA56510	REACTIVITY Rat
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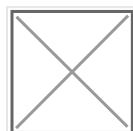
PRODUCT SYNONYMS

ATP-binding cassette sub-family G member 2; Rat ATP-binding cassette sub-family G member 2 ELISA Kit; Abcg2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay recognizes recombinant and natural rat ATP-binding cassette sub-family G member 2. No significant cross-reactivity or interference was observed.
Sequence Length	658
Assay Type	Sandwich
Detection Range	0.156-10 ng/ml
Sensitivity	0.081 ng/mL
Intra-Assay CV	<=4.3%
Inter-Assay CV	<=9.2%
Recovery	89%
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Abcg2 elisa kit	Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to ATP-binding cassette sub-family G member 2. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for ATP-binding cassette sub-family G member 2 and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain ATP-binding cassette sub-family G member 2, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of ATP-binding cassette sub-family G member 2 in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	31077114
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NCBI GeneID	312382
NCBI Accession #	NP_852046.1
NCBI GenBank Nucleotide #	NM_181381.2
UniProt Accession #	Q80W57 ; Q80ST1 ; Q80UR3 ; Q80XF3
Molecular Weight	72,961 Da
NCBI Official Full Name	ATP-binding cassette sub-family G member 2
NCBI Official Synonym Full Names	ATP-binding cassette, subfamily G (WHITE), member 2
NCBI Official Symbol	Abcg2
NCBI Official Synonym Symbols	BCRP1
NCBI Protein Information	ATP-binding cassette sub-family G member 2
UniProt Protein Name	ATP-binding cassette sub-family G member 2
UniProt Gene Name	Abcg2
UniProt Synonym Gene Names	Bcrp1
UniProt Entry Name	ABCG2_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/abcg2-rat-elisa-kits/atp-binding-cassette-sub-family-g-member-2/56510>