

Rat ATP-binding cassette sub-family D member 3 (ABCD3) ELISA Kit | ABCD3 elisa kit

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CATALOG # AAA246952	REACTIVITY Rat
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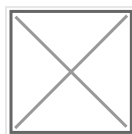
PRODUCT SYNONYMS

ATP-binding cassette sub-family D member 3 (ABCD3); Rat ATP-binding cassette sub-family D member 3 (ABCD3) ELISA Kit; ABCD3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
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 ABCD3 elisa kit	Intended Uses: This ABCC8 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of RatABCC8. This ELISA kit for research use only! Principle of the Assay: ABCC8 ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal 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.
Product Categories/Family for ABCD3 elisa kit	Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	4506341
NCBI GeneID	5825

NCBI Accession #	NP_002849.1
NCBI GenBank Nucleotide #	NM_002858.3
Molecular Weight	27,121 Da
NCBI Official Full Name	ATP-binding cassette sub-family D member 3 isoform a
NCBI Official Synonym Full Names	ATP-binding cassette, sub-family D (ALD), member 3
NCBI Official Symbol	ABCD3
NCBI Official Synonym Symbols	ZWS2; ABC43; PMP70; PXMP1
NCBI Protein Information	ATP-binding cassette sub-family D member 3; 70 kDa peroxisomal membrane protein; Peroxisomal membrane protein-1 (70kD); peroxisomal membrane protein 1 (70kD, Zellweger syndrome); dJ824O18.1 (ATP-binding cassette, sub-family D (ALD), member 3 (PMP70, PXMP1))
UniProt Protein Name	ATP-binding cassette sub-family D member 3
UniProt Gene Name	ABCD3
UniProt Synonym Gene Names	PMP70; PXMP1; PMP70
UniProt Entry Name	ABCD3_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/rat-elisa-kits/atp-binding-cassette-sub-family-d-member-3-abcd3/246952>