

Mouse Aquaporin-3 ELISA Kit | Aqp3 elisa kit

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CATALOG #
AAA193462

REACTIVITY
Mouse

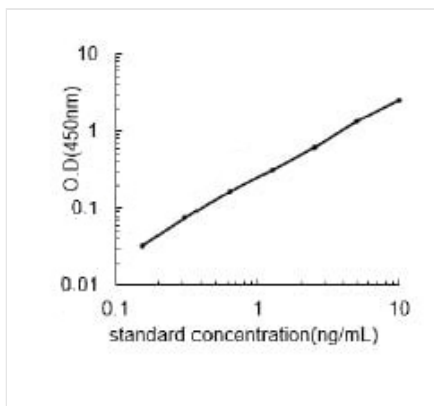
PRODUCT SYNONYMS

Aquaporin-3; Mouse Aquaporin-3 ELISA Kit; AQP-3; Aquaglyceroporin-3; Aqp3; Aqp3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	Recombinant and natural Mouse Aquaporin-3,AQP-3
Sequence Length	292
Samples	Serum, plasma, tissue homogenates, cell culture supernates or other biological fluids
Detection Range	0.156-10 ng/mL
Sensitivity	< 0.078 ng/mL
Intra-assay Precision	<=4.5%
Inter-assay Precision	<=6.8%
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 Aqp3 elisa kit	Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to target antigen. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific for target antigen and then 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 target antigen, 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 target antigen in the samples is then determined by comparing the O.D. of the samples to the standard curve. Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of target antigen concentrations in serum, plasma, tissue homogenates, cell culture supernates or other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	121949813
NCBI GeneID	11828
NCBI Accession #	NP_057898.2
NCBI GenBank Nucleotide #	NM_016689.2
UniProt Accession #	Q8R2N1; Q3TU75; Q9JJN8; Q9WTJ3
Molecular Weight	31,568 Da
NCBI Official Full Name	aquaporin-3
NCBI Official Synonym Full Names	aquaporin 3
NCBI Official Symbol	Aqp3
NCBI Official Synonym Symbols	AQP-2
NCBI Protein Information	aquaporin-3
UniProt Protein Name	Aquaporin-3
UniProt Gene Name	Aqp3
UniProt Synonym Gene Names	AQP-3
UniProt Entry Name	AQP3_MOUSE

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/aqp3-mouse-elisa-kits/aquaporin-3/193462>