

Rat Aquaporin 7 (AQP-7) ELISA Kit | AQP-7 elisa kit

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CATALOG #
AAA121060

REACTIVITY
Rat

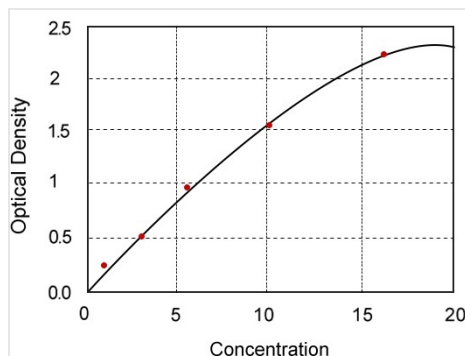
PRODUCT SYNONYMS

Aquaporin 7 (AQP-7); Rat Aquaporin 7 (AQP-7) ELISA Kit; AQP-7 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	303
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.05ng/ml - 15ng/ml
Sensitivity	0.026ng/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 AQP-7 elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of Rat Aquaporin 7 (also known as AQP-7) 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 AQP-7 antibody. AQP-7 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Rat AQP-7 Antibody is added and binds to AQP-7 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated AQP-7 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 AQP-7. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	6680712
NCBI GeneID	11832
NCBI Accession #	NP_031499.1
NCBI GenBank Nucleotide #	NM_007473.4
UniProt Accession #	O54794; Q8C630
Molecular Weight	32,667 Da
NCBI Official Full Name	aquaporin-7
NCBI Official Synonym Full Names	aquaporin 7
NCBI Official Symbol	Aqp7
NCBI Official Synonym Symbols	AQP7L; AQPap
NCBI Protein Information	aquaporin-7
UniProt Protein Name	Aquaporin-7
UniProt Gene Name	Aqp7
UniProt Synonym Gene Names	AQP-7

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/aquaporin-7-aqp-7/121060>