

Human Aquaporin 9 (AQP-9) ELISA Kit | AQP-9 elisa kit

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CATALOG #
AAA43922

REACTIVITY
Human

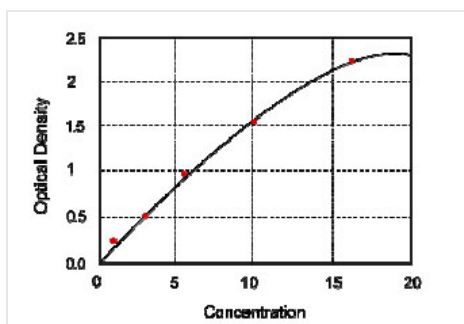
PRODUCT SYNONYMS

Aquaporin 9 (AQP-9); Human Aquaporin 9 (AQP-9) ELISA Kit; AQP-9 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	24
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.05ng/ml - 30ng/ml
Sensitivity	0.024ng/ml
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. 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-9 elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of human Aquaporin 9 (also known as AQP-9) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with human AQP-9 antibody. AQP-9 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human AQP-9 Antibody is added and binds to AQP-9 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated AQP-9 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 human AQP-9. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	6759671
NCBI GeneID	366
Molecular Weight	31,431 Da
NCBI Official Full Name	aquaporin 9, partial
NCBI Official Synonym Full Names	aquaporin 9
NCBI Official Symbol	AQP9
NCBI Official Synonym Symbols	SSC1; AQP-9; T17287; HsT17287
NCBI Protein Information	aquaporin-9
UniProt Protein Name	Aquaporin-9
UniProt Gene Name	AQP9
UniProt Synonym Gene Names	SSC1; AQP-9

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/human-elisa-kits/aquaporin-9-aqp-9/43922>