

Rat CLCN5/H(+)/Cl(-) Exchange Transporter 5 ELISA Kit | CLCN5 elisa kit

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CATALOG #
AAA196638

REACTIVITY
Rat

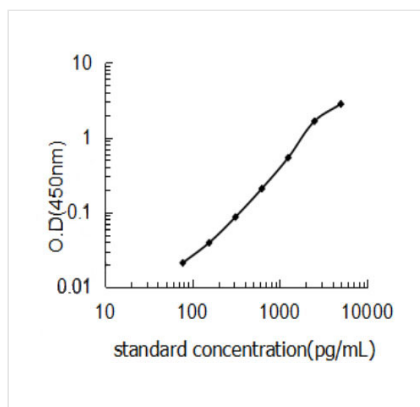
PRODUCT SYNONYMS

CLCN5/H(+)/Cl(-) Exchange Transporter 5; Rat CLCN5/H(+)/Cl(-) Exchange Transporter 5 ELISA Kit; H(+)/Cl(-) exchange transporter 5; Chloride channel protein 5; ClC-5; Chloride transporter ClC-5; CLCN5 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	Recombinant and natural Rat H(+)/Cl(-) exchange transporter 5
Sequence Length	746
Samples	Serum, plasma, tissue homogenates, cell culture supernates or other biological fluids
Detection Range	78-5000 pg/mL
Sensitivity	< 21.5 pg/mL
Intra-assay Precision	<=5.8%
Inter-assay Precision	<=8.2%
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 CLCN5 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 #	8393141
NCBI GeneID	25749
NCBI Accession #	NP_058802.1
NCBI GenBank Nucleotide #	NM_017106.1
UniProt Accession #	P51796
NCBI Official Full Name	H(+)/Cl(-) exchange transporter 5
NCBI Official Synonym Full Names	chloride voltage-gated channel 5
NCBI Official Symbol	Clcn5
NCBI Official Synonym Symbols	CLC5
NCBI Protein Information	H(+)/Cl(-) exchange transporter 5
UniProt Protein Name	H(+)/Cl(-) exchange transporter 5
UniProt Gene Name	Clcn5
UniProt Synonym Gene Names	ClC-5

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/clcn5-h-cl-exchange-transporter-5/196638>