

Rat Claudin-3 ELISA Kit | Cldn3 elisa kit

Rat Claudin-3 ELISA Kit

CATALOG #
AAA56585

REACTIVITY
Rat

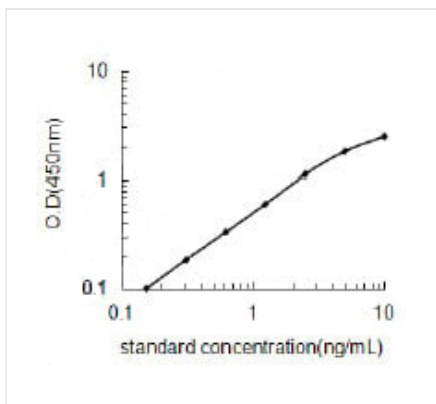
PRODUCT SYNONYMS

Claudin-3; Rat Claudin-3 ELISA Kit; Rat ventral prostate.1 protein; RVP1; Cldn3; Cldn3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	Recombinant and natural Rat Claudin-3
Sequence Length	219
Samples	Serum, plasma, tissue homogenates, cell culture supernates or other biological fluids
Detection Range	0.156-10 ng/mL
Sensitivity	< 0.084 ng/mL
Intra-assay Precision	<=6.5%
Inter-assay Precision	<=9.2%
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 Cldn3 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 #	82617586
NCBI GeneID	65130
NCBI Accession #	NP_113888.2
NCBI GenBank Nucleotide #	NM_031700.2
UniProt Accession #	Q63400
Molecular Weight	23,315 Da
NCBI Official Full Name	claudin-3
NCBI Official Synonym Full Names	claudin 3
NCBI Official Symbol	Cldn3
NCBI Protein Information	claudin-3
UniProt Protein Name	Claudin-3
UniProt Gene Name	Cldn3
UniProt Synonym Gene Names	RVP1
UniProt Entry Name	CLD3_RAT

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/cldn3-rat-elisa-kits/claudin-3/56585>