

Mouse Claudin-2 ELISA Kit | Cldn2 elisa kit

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CATALOG #
AAA57472

REACTIVITY
Mouse

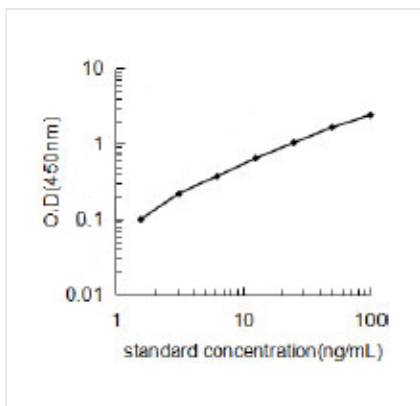
PRODUCT SYNONYMS

Claudin-2; Mouse Claudin-2 ELISA Kit; Cldn2; Cldn2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	Recombinant and natural Mouse Claudin-2
Sequence Length	230
Samples	Serum, plasma, tissue homogenates, cell culture supernates or other biological fluids
Detection Range	1.56 ng/mL - 100 ng/mL
Sensitivity	< 0.78 ng/mL
Intra-assay Precision	<=7.9%
Inter-assay Precision	<=10.3%
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 Cldn2 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 #	7710004
NCBI GeneID	12738
NCBI Accession #	NP_057884.1
NCBI GenBank Nucleotide #	NM_016675.4
UniProt Accession #	O88552
Molecular Weight	24,484 Da
NCBI Official Full Name	claudin-2
NCBI Official Synonym Full Names	claudin 2
NCBI Official Symbol	Cldn2
NCBI Official Synonym Symbols	AL022813
NCBI Protein Information	claudin-2
UniProt Protein Name	Claudin-2
UniProt Gene Name	Cldn2
UniProt Entry Name	CLD2_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/cldn2-mouse-elisa-kits/claudin-2/57472>