

Mouse Claudin-3 ELISA Kit | Cldn3 elisa kit

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CATALOG #
AAA23254

REACTIVITY
Mouse

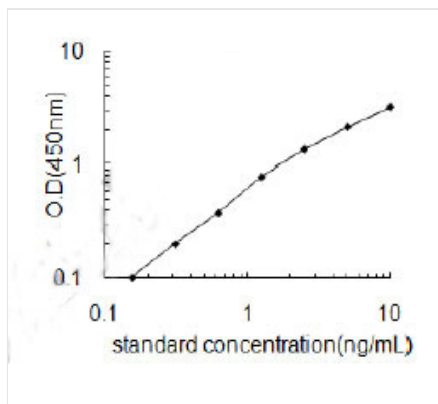
PRODUCT SYNONYMS

Claudin-3; Mouse Claudin-3 ELISA Kit; Clostridium perfringens enterotoxin receptor 2; CPE-R 2; CPE-receptor 2; Cldn3; Cpetr2; Cldn3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	Recombinant and natural Mouse 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	< 0.083 ng/mL
Intra-assay Precision	<=7.5%
Inter-assay Precision	<=10.0%
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 #	6753438
NCBI GeneID	12739
NCBI Accession #	NP_034032.1
NCBI GenBank Nucleotide #	NM_009902.4
UniProt Accession #	Q9Z0G9; Q91X40
Molecular Weight	21,227 Da
NCBI Official Full Name	claudin-3
NCBI Official Synonym Full Names	claudin 3
NCBI Official Symbol	Cldn3
NCBI Official Synonym Symbols	mRVP1; Cpetr2; AI182374
NCBI Protein Information	claudin-3
UniProt Protein Name	Claudin-3
UniProt Gene Name	Cldn3
UniProt Synonym Gene Names	Cpetr2; CPE-R 2; CPE-receptor 2
UniProt Entry Name	CLD3_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.