

Mouse Claudin-4 (CLDN4) ELISA Kit | CLDN4 elisa kit

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CATALOG #
AAA123128

REACTIVITY
Mouse

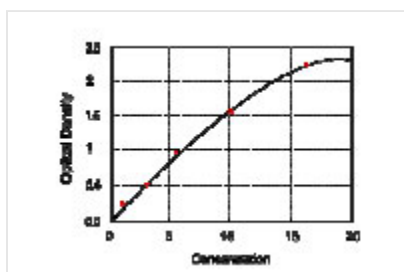
PRODUCT SYNONYMS

Claudin-4 (CLDN4); Mouse Claudin-4 (CLDN4) ELISA Kit; CLDN4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	209
Samples	Serum, plasma, cell culture supernates, ascites, tissue homogenates or other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	3-900ng/L
Sensitivity	1.74ng/L
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 CLDN4 elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of Mouse Claudin-4 (also known as CLDN4) in serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids.

Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Mouse CLDN4 antibody. CLDN4 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Mouse CLDN4 Antibody is added and binds to CLDN4 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated CLDN4 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 Mouse CLDN4. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4502877
NCBI GeneID	1364
NCBI GenBank Nucleotide #	NP_001296.1
UniProt Accession #	O14493
NCBI Official Full Name	claudin-4
NCBI Official Synonym Full Names	claudin 4
NCBI Official Symbol	CLDN4
NCBI Official Synonym Symbols	CPER; CPE-R; CPETR; CPETR1; WBSCR8; hCPE-R
NCBI Protein Information	claudin-4
UniProt Protein Name	Claudin-4
UniProt Gene Name	CLDN4
UniProt Synonym Gene Names	CPER; CPETR1; WBSCR8; CPE-R
UniProt Entry Name	CLD4_HUMAN

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/mouse-elisa-kits/claudin-4-cldn4/123128>