

Mouse Occludin (OCLN) ELISA Kit | OCLN elisa kit

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CATALOG #
AAA64087

REACTIVITY
Mouse

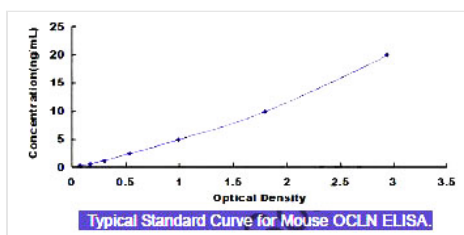
PRODUCT SYNONYMS

Occludin (OCLN); Mouse Occludin (OCLN) ELISA Kit; Tight Junction Protein Occludin TM4 Minus; OCLN elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of OCLN. No significant cross-reactivity or interference between OCLN and analogues was observed.
Sequence Length	521
Samples	Tissue homogenates, cell lysates and other biological fluids.
Assay Type	Sandwich
Detection Range	0.312-20ng/mL
Sensitivity	0.117ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level OCLN were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level OCLN were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for OCLN elisa kit	Intended Uses: This kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of OCLN in mouse tissue homogenates, cell lysatesand other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to OCLN. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to OCLN. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain OCLN, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of OCLN in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	6679162
NCBI GeneID	18260
NCBI Accession #	NP_032782.1
NCBI GenBank Nucleotide #	NM_008756.2
UniProt Accession #	Q61146; Q544A7
Molecular Weight	59,000 Da
NCBI Official Full Name	occludin
NCBI Official Synonym Full Names	occludin
NCBI Official Symbol	Ocln
NCBI Official Synonym Symbols	Ocl; AI503564
NCBI Protein Information	occludin
UniProt Protein Name	Occludin
UniProt Gene Name	Ocln
UniProt Synonym Gene Names	Ocl

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/occludin-ocln/64087>