

Mouse TJP1 ELISA Kit | TJP1 elisa kit

Mouse TJP1 (Tight Junction Protein 1) ELISA Kit

CATALOG #
AAA164610

REACTIVITY
Mouse

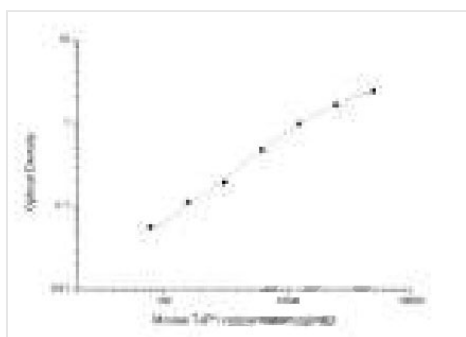
PRODUCT SYNONYMS

TJP1; Mouse TJP1 (Tight Junction Protein 1) ELISA Kit; TJP1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This kit recognizes Mouse TJP1 in samples. No significant cross-reactivity or interference between Mouse TJP1 and analogues was observed
Sequence Length	1748
Assay Type	Quantitative Sandwich
Samples	Serum, plasma and other biological fluids
Detection Range	78.13-5000 pg/mL
Sensitivity	46.88 pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, mid range and high level Mouse TJP1 were tested 20 times on one plate, respectively.
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, mid range and high level Mouse TJP1 were tested on 3 different plates, 20 replicates in each plate, respectively.
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TJP1 elisa kit	Principle of the Assay: This ELISA kit uses the Sandwich-ELISA principle. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Mouse TJP1. Samples (or Standards) are added to the micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for Mouse TJP1 and Avidin-Horseradish Peroxidase (HRP) conjugate are added successively to each micro plate well and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Mouse TJP1, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of stop solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 ± 2 nm. The OD value is proportional to the concentration of Mouse TJP1. You can calculate the concentration of Mouse TJP1 in the samples by comparing the OD of the samples to the standard curve. Intended Uses: This ELISA kit applies to the in vitro quantitative determination of Mouse TJP1 concentrations in serum, plasma and other biological fluids.
--	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	85700443
NCBI GeneID	7082
Molecular Weight	186,966 Da
NCBI Official Full Name	Tight junction protein ZO-1
NCBI Official Synonym Full Names	tight junction protein 1
NCBI Official Symbol	TJP1
NCBI Official Synonym Symbols	ZO-1
NCBI Protein Information	tight junction protein ZO-1; zona occludens 1; zonula occludens 1 protein
UniProt Protein Name	Tight junction protein ZO-1
UniProt Gene Name	TJP1
UniProt Synonym Gene Names	ZO1
UniProt Entry Name	ZO1_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.