

Mouse Tight Junction Protein ZO-1 (TJP1) ELISA Kit | TJP1 elisa kit

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CATALOG #
AAA332232

REACTIVITY
Mouse

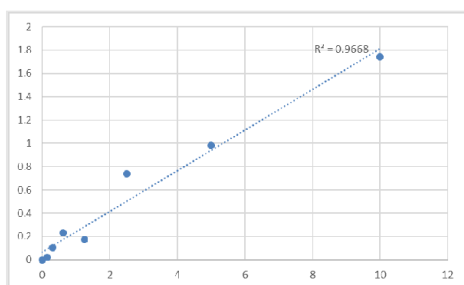
PRODUCT SYNONYMS

Tight Junction Protein ZO-1 (TJP1); Mouse Tight Junction Protein ZO-1 (TJP1) ELISA Kit; TJP1; DKFZp686M05161; MGC133289; ZO-1; tight junction protein 1; tight junction protein ZO-1; zona occludens 1; zonula occludens 1 protein; TJP1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	Mouse Tight junction protein ZO-1 (TJP1) ELISA Kit has high sensitivity and excellent specificity for detection of Mouse TJP1. No significant cross-reactivity or interference between Mouse TJP1 and analogues was observed.
Sequence Length	1745
Assay Type	Sandwich
Samples	Mouse serum, cell culture supernates and other biological fluids
Detection Range	2.5 pg/ml - 40 pg/ml
Sensitivity	< 0.1 pg/ml
Intra-assay Precision	Four samples of known concentration were tested twenty times on one plate to assess intra-assay precision. The CV (%)?9%.
Inter-assay Precision	Three samples of known concentration were tested in twenty separate assays to assess inter-assay precision. Assays were performed by at least three technicians using two lots of components. The CV (%)?11%.
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

Fig.1. Mouse Tight junction protein ZO-1 (TJP1) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for TJP1 elisa kit	Principle of the Assay: Mouse Tight junction protein ZO-1 (TJP1) ELISA Kit employs a two-site sandwich ELISA to quantitate TJP1 in samples. An antibody specific for Mouse TJP1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any TJP1 present is bound by the immobilized antibody. After removing any unbound substances, HRP-Conjugated TJP1 detection antibody is added to the wells. Following a wash to remove any unbound HRP reagent, a Chromogen solution is added to the wells and color develops in proportion to the amount of TJP1 bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	303710
NCBI GeneID	21872
UniProt Accession #	P39447
NCBI Official Full Name	ZO-1
NCBI Official Synonym Full Names	tight junction protein 1
NCBI Official Symbol	Tjp1
NCBI Official Synonym Symbols	ZO1
NCBI Protein Information	tight junction protein ZO-1
UniProt Protein Name	Tight junction protein ZO-1
UniProt Gene Name	Tjp1
UniProt Synonym Gene Names	Zo1
UniProt Entry Name	ZO1_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.