

Canine Tight junction protein 1 ELISA Kit | ZO1 elisa kit

Canine tight junction protein 1 (ZO1) ELISA Kit

CATALOG #
AAA180946

REACTIVITY
Canine

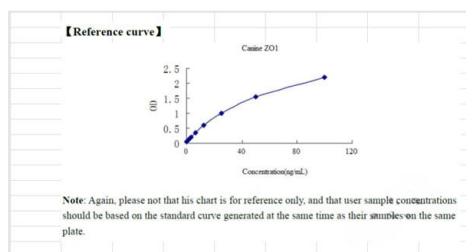
PRODUCT SYNONYMS

Tight junction protein 1; Canine tight junction protein 1 (ZO1) ELISA Kit; ZO1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Canine
Sequence Length	1190
Assay Type	Sandwich
Detection Range	100 ng/mL-1.56 ng/mL
Sensitivity	Up to 0.5 ng/mL
Intra-assay Precision	<= 8%
Inter-assay Precision	<= 12%
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ZO1 elisa kit

Principle of the Assay: As mentioned above, this kit utilizes the Double Antibody Sandwich ELISA technique. The pre-coated antibody is an anti-Canine ZO1 monoclonal antibody, while the detection antibody is a biotinylated polyclonal antibody. Samples and biotinylated antibodies are added into ELISA plate wells and washed out with PBS or TBS after their respective additions to the wells. Then Avidin-peroxidase conjugates are added to the wells in after. TMB substrate is used for coloration after the enzyme conjugate has already been thoroughly washed out of the wells by PBS or TBS. TMB reacts to form a blue product from the peroxidase activity, and finally turns to yellow after addition of the stop solution (Color Reagent C). The color intensity and quantity of target analyte in the sample are positively correlated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	42518070
NCBI GeneID	9414

NCBI Accession #	NP_004808.2
NCBI GenBank Nucleotide #	NM_004817.3
Molecular Weight	137,342 Da
NCBI Official Full Name	tight junction protein ZO-2 isoform 1
NCBI Official Synonym Full Names	tight junction protein 2
NCBI Official Symbol	TJP2
NCBI Official Synonym Symbols	ZO2; X104; PFIC4; DFNA51; DUP9q21.11; C9DUPq21.11
NCBI Protein Information	tight junction protein ZO-2
UniProt Protein Name	Tight junction protein ZO-2
UniProt Gene Name	TJP2
UniProt Synonym Gene Names	X104; ZO2
UniProt Entry Name	ZO2_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/zo1-canine-elisa-kits/tight-junction-protein-1/180946>