

Canine Claudin-12 (CLDN12) ELISA Kit | CLDN12 elisa kit

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CATALOG #
AAA244400

REACTIVITY
Canine

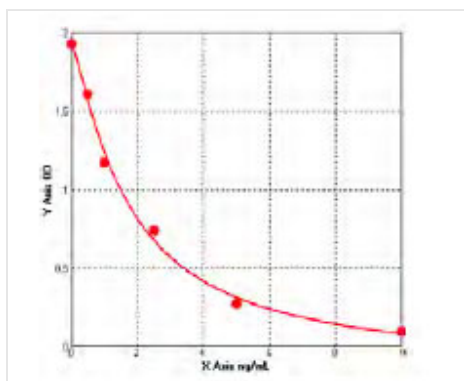
PRODUCT SYNONYMS

Claudin-12 (CLDN12); Canine Claudin-12 (CLDN12) ELISA Kit; CLDN12 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Canine
Samples	Serum, Plasma, Cell Culture Supernatants, Body Fluid And Tissue Homogenate
Assay Type	Quantitative Sandwich
Sensitivity	0.1 ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CLDN12 elisa kit

Intended Uses: This CLDN-1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse CLDN-1. This ELISA kit for research use only!

Principle of the Assay: CLDN-1 ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for CLDN-1. Standards or samples are then added to the microtiter plate wells and CLDN-1 if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of CLDN-1 present in the sample, a standardized preparation of horseradish peroxidase (HRP)-conjugated polyclonal antibody, specific for CLDN-1 are added to each well to "sandwich" the CLDN-1 immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, substrate solutions are added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period. Only those wells that contain CLDN-1 and enzyme-conjugated antibody will exhibit a change in color. The enzyme-substrate reaction is terminated by addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CLDN-1 concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	297374760
NCBI GeneID	9069
NCBI Accession #	NP_001172002.1
NCBI GenBank Nucleotide #	NM_001185073.2
Molecular Weight	27,110 Da
NCBI Official Full Name	claudin-12
NCBI Official Synonym Full Names	claudin 12
NCBI Official Symbol	CLDN12
NCBI Protein Information	claudin-12
UniProt Protein Name	Claudin-12
UniProt Gene Name	CLDN12
UniProt Entry Name	CLD12_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://www.aaabiotech.com/canine-elisa-kits/claudin-12-cldn12/244400>