

Mouse CLDN1 (Claudin 1) ELISA Kit | CLDN1 elisa kit

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CATALOG #
AAA277485

REACTIVITY
Mouse

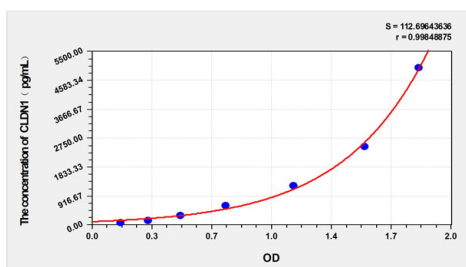
PRODUCT SYNONYMS

CLDN1 (Claudin 1); Mouse CLDN1 (Claudin 1) ELISA Kit; CLD1; ILVASC; SEMP1; Senescence-Associated Epithelial Membrane Protein 1; CLDN1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of Mouse CLDN1. No significant cross-reactivity or interference between Mouse CLDN1 and analogues was observed.
Assay Type	Sandwich
Detection Range	78.13-5000 pg/mL
Sensitivity	27 pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay)? CV% < 8%. Three samples of known concentration were tested twenty times on 1 plate to assess intra-assay precision.
Inter-assay Precision	Inter-assay Precision (precision between assays)? CV% < 10%. Three samples of known concentration were tested in forty separate assays to assess inter-assay precision.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CLDN1 elisa kit

Principle of the Assay: The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to CLDN1. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to CLDN1. 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 CLDN1, 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 $450\text{nm} \pm 10\text{nm}$. The concentration of CLDN1 in the samples is then determined by comparing the OD of the samples to the standard curve.

Product Categories/Family for CLDN1 elisa kit

Signal transduction; Tumor immunity

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/cldn1-claudin-1/277485>