

Human claudin 3 ELISA Kit | CLDN3 elisa kit

Human Claudin-3, CLDN3 ELISA Kit

CATALOG #
AAA18333

REACTIVITY
Human

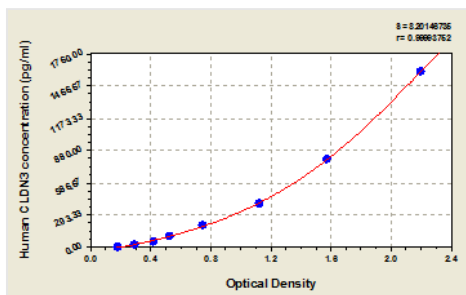
PRODUCT SYNONYMS

claudin 3; Human Claudin-3; CLDN3 ELISA Kit; Human Claudin-3 (CLDN3) ELISA kit; C7orf1; CPE-R2; CPETR2; HRVP1; RVP1; CPE-receptor 2; Clostridium perfringens enterotoxin receptor 2; ventral prostate.1-like protein; CLDN3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human CLDN3. No significant cross-reactivity or interference between human CLDN3 and analogues was observed.
Sequence Length	220
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, tissue homogenates, cell lysates
Detection Range	25 pg/ml-1600 pg/ml
Sensitivity	< 6.25 pg/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CLDN3 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for CLDN3 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any CLDN3 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for CLDN3 is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of CLDN3 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 #	4502875
NCBI GeneID	1365
NCBI Accession #	NP_001297.1
NCBI GenBank Nucleotide #	NM_001306.3
UniProt Accession #	O15551
Molecular Weight	23,319 Da
NCBI Official Full Name	claudin-3
NCBI Official Synonym Full Names	claudin 3
NCBI Official Symbol	CLDN3
NCBI Official Synonym Symbols	RVP1; HRVP1; C7orf1; CPE-R2; CPETR2
NCBI Protein Information	claudin-3; CPE-R 2; CPE-receptor 2; ventral prostate.1-like protein; ventral prostate.1 protein homolog; Clostridium perfringens enterotoxin receptor 2
UniProt Protein Name	Claudin-3
UniProt Gene Name	CLDN3
UniProt Synonym Gene Names	C7orf1; CPETR2; CPE-R 2; CPE-receptor 2; hRVP1
UniProt Entry Name	CLD3_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/cldn3-human-elisa-kits/claudin-3/18333>