

Human Claudin 12 (CLDN12) ELISA Kit | CLDN12 elisa kit

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CATALOG #
AAA42707

REACTIVITY
Human

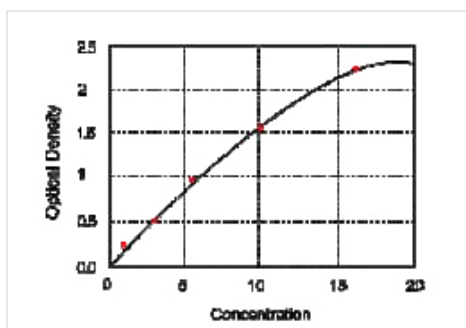
PRODUCT SYNONYMS

Claudin 12 (CLDN12); Human Claudin 12 (CLDN12) ELISA Kit; CLDN12 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	244
Samples	Serum, Plasma, Cell Culture Supernates, Cell Lysates, Tissue Homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.1ng/ml-35ng/ml
Sensitivity	0.051ng/ml
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. Inter-Assay: CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CLDN12 elisa kit	Intended Uses: This sandwich kit is for the accurate quantitative detection of human Claudin 10 (also known as CLDN10) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates. Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with human CLDN10 antibody. CLDN10 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human CLDN10 Antibody is added and binds to CLDN10 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated CLDN10 antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of human CLDN10. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	49065366
NCBI GeneID	9069
UniProt Accession #	Q6FIF6; P56749
Molecular Weight	27,094 Da
NCBI Official Full Name	CLDN12
NCBI Official Synonym Full Names	claudin 12
NCBI Official Symbol	CLDN12
NCBI Protein Information	claudin-12
UniProt Protein Name	CLDN12 protein
UniProt Gene Name	CLDN12

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/human-elisa-kits/claudin-12-cldn12/42707>