

Human Claudin 10 (CLDN10) ELISA Kit | CLDN10 elisa kit

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CATALOG #
AAA41775

REACTIVITY
Human

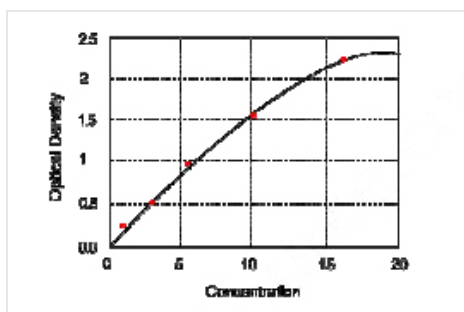
PRODUCT SYNONYMS

Claudin 10 (CLDN10); Human Claudin 10 (CLDN10) ELISA Kit; CLDN10 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	207
Samples	Serum, Plasma, Cell Culture Supernates, Cell Lysates, Tissue Homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.05ng/ml-20ng/ml
Sensitivity	0.01ng/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 CLDN10 elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of Human Chondroitin Sulfate (also known as CS) 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 CS antibody. CS present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Human CS Antibody is added and binds to CS in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated CS 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 CS. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	231569235
NCBI GeneID	9071
NCBI Accession #	NP_001153572.1
NCBI GenBank Nucleotide #	NM_001160100.1
UniProt Accession #	P78369; Q6IBF9; Q96N78
Molecular Weight	24,251 Da
NCBI Official Full Name	claudin-10 isoform a_i1
NCBI Official Synonym Full Names	claudin 10
NCBI Official Symbol	CLDN10
NCBI Official Synonym Symbols	OSPL; HELIX; OSP-L; CPETRL3
NCBI Protein Information	claudin-10
UniProt Protein Name	Claudin-10
UniProt Gene Name	CLDN10
UniProt Synonym Gene Names	OSP-like

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-10-cldn10/41775>