

Human Claudin 2 (CLDN2) ELISA Kit | CLDN2 elisa kit

Human Claudin 2 (CLDN2) ELISA Kit

CATALOG #
AAA11307

REACTIVITY
Human

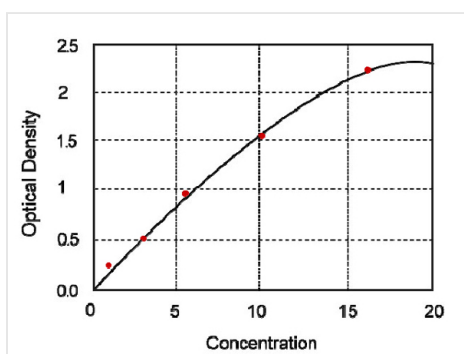
PRODUCT SYNONYMS

Claudin 2 (CLDN2); Human Claudin 2 (CLDN2) ELISA Kit; CLDN2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	230
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids
Detection Range	0.05-30ng/ml
Sensitivity	0.027ng/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 CLDN2 elisa kit	Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Human CLDN2 antibody. CLDN2 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Human CLDN2 Antibody is added and binds to CLDN2 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated CLDN2 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 CLDN2. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm. Intended Uses: This sandwich kit is for the accurate quantitative detection of Human Claudin 2 (also known as CLDN2) in serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids.
---	--

NCBI AND UNIPROT INFORMATION

NCBI GI #	283806634
NCBI GeneID	9075
NCBI Accession #	NP_001164566.1
NCBI GenBank Nucleotide #	NM_001171095.1
UniProt Accession #	P57739; B2R6B9
Molecular Weight	24,549 Da
NCBI Official Full Name	claudin-2
NCBI Official Synonym Full Names	claudin 2
NCBI Official Symbol	CLDN2
NCBI Protein Information	claudin-2
UniProt Protein Name	Claudin-2
UniProt Gene Name	CLDN2

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/claudin-2-cldn2/11307>