Human Claudin 21 ELISA Kit

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CATALOG #	REACTIVITY
AAA122977	**Human**

PRODUCT SYNONYMS

Claudin 21; Human Claudin 21 ELISA Kit; Claudin 21 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids
Detection Range	20-6000ng/L
Sensitivity	11.78ng/L
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 Claudin 21 elisa kit	Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Human CLDN21 antibody. CLDN21 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Human CLDN21 Antibody is added and binds to CLDN21 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated CLDN21 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 CLDN21. 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 21 (also known as CLDN21) in serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids.

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-21/122977