

Human Claudin 5 (CLDN5) ELISA Kit | CLDN5 elisa kit

Human Claudin 5 (CLDN5) ELISA Kit

CATALOG #
AAA41954

REACTIVITY
Human

PRODUCT SYNONYMS

Claudin 5 (CLDN5); Human Claudin 5 (CLDN5) ELISA Kit; CLDN5 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	303
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.1ng/ml - 38ng/ml
Sensitivity	0.051ng/ml
Intra-Assay	CV<8%
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 CLDN5 elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of human Claudin 5 (also known as CLDN5) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principles of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with human CLDN5 antibody. CLDN5 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human CLDN5 Antibody is added and binds to CLDN5 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated CLDN5 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 CLDN5. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	195947374
NCBI GeneID	7122
NCBI Accession #	NP_001124333.1
NCBI GenBank Nucleotide #	NM_001130861.1
UniProt Accession #	O00501; Q53XW2; Q8WUW3; B3KS11
Molecular Weight	23,147 Da
NCBI Official Full Name	claudin-5 isoform 1
NCBI Official Synonym Full Names	claudin 5
NCBI Official Symbol	CLDN5
NCBI Official Synonym Symbols	AWAL; BEC1; TMVCF; TMDVCF; CPETRL1
NCBI Protein Information	claudin-5
UniProt Protein Name	Claudin-5
UniProt Gene Name	CLDN5
UniProt Synonym Gene Names	AWAL; TMVCF; TMDVCF

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-5-cldn5/41954>