

Human Claudin 16 (CLDN16) ELISA Kit | CLDN16 elisa kit

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CATALOG #
AAA42099

REACTIVITY
Human

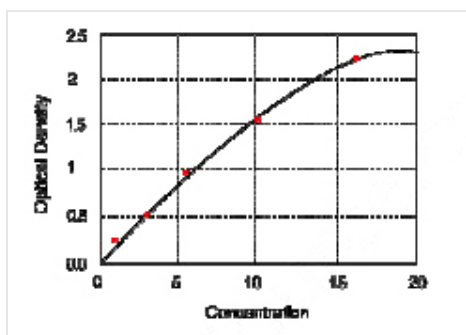
PRODUCT SYNONYMS

Claudin 16 (CLDN16); Human Claudin 16 (CLDN16) ELISA Kit; CLDN16 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	305
Samples	Serum, Plasma, Cell Culture Supernates, Cell Lysates, Tissue Homogenates
Assay Type	Quantitative Sandwich
Detection Range	20ng/L-4500ng/L
Sensitivity	13.15ng/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 CLDN16 elisa kit	Intended Uses: This sandwich kit is for the accurate quantitative detection of human Claudin 15 (also known as CLDN15) 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 CLDN15 antibody. CLDN15 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human CLDN15 Antibody is added and binds to CLDN15 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated CLDN15 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 CLDN15. 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 #	5729970
NCBI GeneID	10686
NCBI Accession #	NP_006571.1
NCBI GenBank Nucleotide #	NM_006580.3
UniProt Accession #	Q9Y5I7
Molecular Weight	33,836 Da
NCBI Official Full Name	claudin-16
NCBI Official Synonym Full Names	claudin 16
NCBI Official Symbol	CLDN16
NCBI Official Synonym Symbols	HOMG3; PCLN1
NCBI Protein Information	claudin-16
UniProt Protein Name	Claudin-16
UniProt Gene Name	CLDN16
UniProt Synonym Gene Names	PCLN1; PCLN-1

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.