

Human Claudin 6 (CLDN6) ELISA Kit | CLDN6 elisa kit

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CATALOG #
AAA244630

REACTIVITY
Human

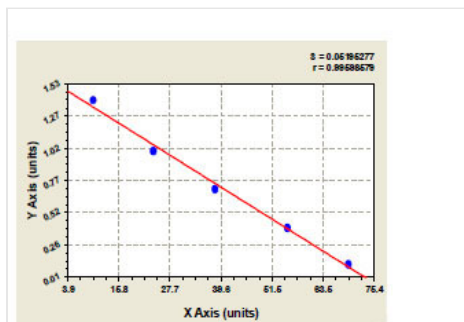
PRODUCT SYNONYMS

Claudin 6 (CLDN6); Human Claudin 6 (CLDN6) ELISA Kit; CLDN6 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	1.0-25ng/mL
Sensitivity	0.1ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



ADDITIONAL INFORMATION

Related Product Information for CLDN6 elisa kit

Intended Uses: This CLDN6 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human CLDN6. This ELISA kit for research use only!

Principle of the Assay: CLDN6 ELISA kit applies the competitive enzyme immunoassay technique utilizing a Polyclonal anti-CLDN6 antibody and an CLDN6-HRP conjugate. The assay sample and buffer are incubated together with CLDN6-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the CLDN6 concentration since CLDN6 from samples and CLDN6-HRP conjugate compete for the anti-CLDN6 antibody binding site. Since the number of sites is limited, as more sites are occupied by CLDN6 from the sample, fewer sites are left to bind CLDN6-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CLDN6 concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	153792768
NCBI GeneID	9074
NCBI Accession #	NP_067018.2
NCBI GenBank Nucleotide #	NM_021195.4
Molecular Weight	23,292 Da
NCBI Official Full Name	claudin-6
NCBI Official Synonym Full Names	claudin 6
NCBI Official Symbol	CLDN6
NCBI Protein Information	claudin-6; skullin
UniProt Protein Name	Claudin-6
UniProt Gene Name	CLDN6
UniProt Synonym Gene Names	UNQ757/PRO1488
UniProt Entry Name	CLD6_HUMAN

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-6-cldn6/244630>