

Human CLDN14 ELISA Kit | CLDN14 elisa kit

Human CLDN14 (Claudin 14) ELISA Kit

CATALOG #
AAA165563

REACTIVITY
Human

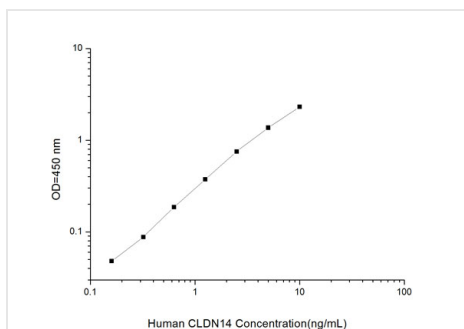
PRODUCT SYNONYMS

CLDN14; Human CLDN14 (Claudin 14) ELISA Kit; CLDN14 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This kit recognizes natural and recombinant Human CLDN14. No significant cross-reactivity or interference between Human CLDN14 and analogues was observed.
Sequence Length	239
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	0.156-10ng/mL
Sensitivity	Min: 0.094ng/mL; Max: 10ng/mL
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CLDN14 elisa kit	Intended Uses: This ELISA kit applies to the invitro quantitative determination of HumanCLDN14concentrations in serum, plasma and other biological fluids. Principle of the Assay: This ELISA kit uses Sandwich-ELISA as the method. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to CLDN14. Standards or samples are added to the appropriate micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for CLDN14and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain CLDN14, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The OD value is proportional to the concentration of CLDN14.You can calculate the concentration of CLDN14in the samples by comparing the OD of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	21536294
NCBI GeneID	23562
NCBI Accession #	NP_652763.1
NCBI GenBank Nucleotide #	NM_144492.2
UniProt Accession #	O95500
Molecular Weight	25,699 Da
NCBI Official Full Name	claudin-14
NCBI Official Synonym Full Names	claudin 14
NCBI Official Symbol	CLDN14
NCBI Official Synonym Symbols	DFNB29
NCBI Protein Information	claudin-14
UniProt Protein Name	Claudin-14
UniProt Gene Name	CLDN14
UniProt Entry Name	CLD14_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.

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Online datasheet: <https://www.aaabiotech.com/human-elisa-kits/cldn14/165563>