

Human Claudin 9 ELISA Kit | CLDN9 elisa kit

Human Claudin 9 ELISA Kit

CATALOG #
AAA101263

REACTIVITY
Human

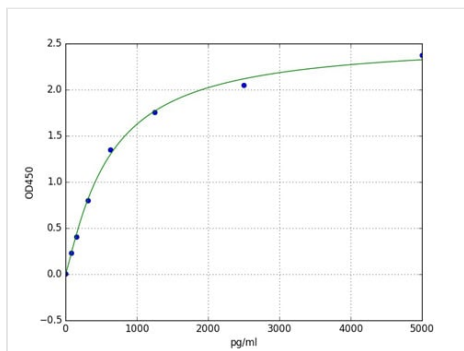
PRODUCT SYNONYMS

Claudin 9; Human Claudin 9 ELISA Kit; CLDN9/claudin 9/claudin-9; CLDN9 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	217
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	78.125-5000pg/ml
Sensitivity	46.875pg/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Results of a typical standard run of a Human CLDN9 ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	pg/ml	0	78	156	312.5	625	1250	2500	5000
Y	OD450	0.006	0.241	0.419	0.710	1.362	1.809	1.889	2.596

Standard Curve (Sample)

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CLDN9 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. anti-Human CLDN9 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human CLDN9 antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Human CLDN9 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human CLDN9 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #

11141861

NCBI GeneID	9080
NCBI Accession #	NP_066192.1
NCBI GenBank Nucleotide #	NM_020982.3
Molecular Weight	22,848 Da
NCBI Official Full Name	claudin-9
NCBI Official Synonym Full Names	claudin 9
NCBI Official Symbol	CLDN9
NCBI Protein Information	claudin-9
UniProt Protein Name	Claudin-9
UniProt Gene Name	CLDN9
UniProt Entry Name	CLD9_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://stage.aaabiotech.com/cldn9-human-elisa-kits/claudin-9/101263>