

Rat Claudin-5 ELISA Kit | CLDN5 elisa kit

Rat Claudin-5 ELISA Kit

CATALOG #
AAA101729

REACTIVITY
Rat

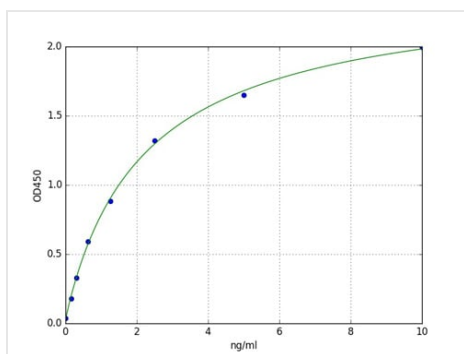
PRODUCT SYNONYMS

Claudin-5; Rat Claudin-5 ELISA Kit; CLDN5/AWAL/BEC1/CLDN5/CPETRL1/TMDVCF/TMVCF1/AWALTransmembrane protein deleted in VCFS/BEC1/claudin 5/claudin-5/CPETRL1/TMVCF/TMDVCF/transmembrane protein deleted in velocardiofacial syndrome; CLDN5 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	303
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.156-10ng/ml
Sensitivity	0.094ng/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



Standard Curve (Sample)

Typical Data & Standard Curve

Results of a typical standard run of a Rat CLDN5 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	ng/ml	0	0.156	0.313	0.625	1.25	2.5	5	10
Y	OD450	0.029	0.190	0.283	0.434	0.784	1.167	1.728	2.716

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CLDN5 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. anti-Rat CLDN5 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Rat CLDN5 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 Rat CLDN5 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Rat CLDN5 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	195947372
NCBI GeneID	7122
NCBI Accession #	NP_003268.2
NCBI GenBank Nucleotide #	NM_003277.3
Molecular Weight	23,147 Da
NCBI Official Full Name	claudin-5
NCBI Official Synonym Full Names	claudin 5
NCBI Official Symbol	CLDN5
NCBI Official Synonym Symbols	AWAL; BEC1; TMVCF; CPETRL1
NCBI Protein Information	claudin-5
UniProt Protein Name	Claudin-5
UniProt Gene Name	CLDN5
UniProt Synonym Gene Names	AWAL; TMVCF; TMDVCF
UniProt Entry Name	CLD5_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/cldn5-rat-elisa-kits/claudin-5/101729>