

Mouse claudin 5 ELISA Kit | CLDN5 elisa kit

Mouse Claudin-5, CLDN5 ELISA Kit

CATALOG #
AAA112295

REACTIVITY
Mouse

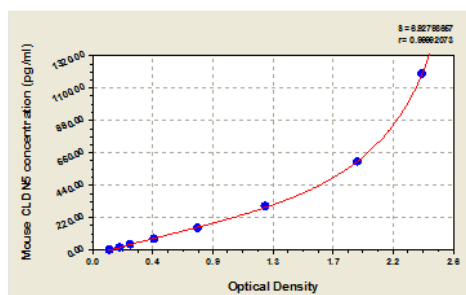
PRODUCT SYNONYMS

claudin 5; Mouse Claudin-5; CLDN5 ELISA Kit; Mouse Claudin-5 (CLDN5) ELISA kit; AWAL; BEC1; CPETRL1; TMVCF; OTTHUMP00000197372; OTTHUMP00000197819; androgen withdrawal and apoptosis induced protein RVP1-like; transmembrane protein deleted in velocardiofacial syndrome; CLDN5 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of mouse CLDN5. No significant cross-reactivity or interference between mouse CLDN5 and analogues was observed.
Sequence Length	218
Samples	Serum, plasma, tissue homogenates, cell lysates
Assay Type	Quantitative Sandwich
Detection Range	18.75 pg/ml-1200 pg/ml
Sensitivity	< 4.68 pg/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CLDN5 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for CLDN5 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any CLDN5 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for CLDN5 is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of CLDN5 bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	31980735
NCBI GeneID	12741
NCBI Accession #	NP_038833.2
NCBI GenBank Nucleotide #	NM_013805.4
UniProt Accession #	O54942; O88789
Molecular Weight	23,054 Da
NCBI Official Full Name	claudin-5
NCBI Official Synonym Full Names	claudin 5
NCBI Official Symbol	CLDN5
NCBI Official Synonym Symbols	MBEC1; Tmvcf; AI854493
NCBI Protein Information	claudin-5; lung-specific membrane protein; transmembrane protein deleted in VCFS; brain endothelial cell clone 1 protein
UniProt Protein Name	Claudin-5
UniProt Gene Name	CLDN5
UniProt Synonym Gene Names	Bec1
UniProt Entry Name	CLD5_MOUSE

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/cldn5-mouse-elisa-kits/claudin-5/112295>