

Mouse Claudin-11 (CLDN11) ELISA Kit | CLDN11 elisa kit

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CATALOG #
AAA246642

REACTIVITY
Mouse

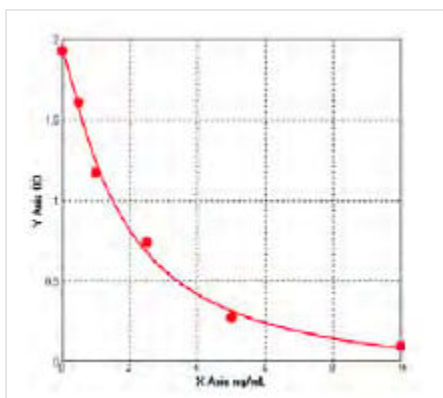
PRODUCT SYNONYMS

Claudin-11 (CLDN11); Mouse Claudin-11 (CLDN11) ELISA Kit; CLDN11 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Quantitative Competitive
Sensitivity	0.1 ng/mL.
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CLDN11 elisa kit

Intended Uses: This CLDN11 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse CLDN11. This ELISA kit for research use only!

Principle of the Assay: CLDN11 ELISA kit applies the competitive enzyme immunoassay technique utilizing an anti-CLDN11 antibody and an CLDN11-HRP conjugate. The assay sample and buffer are incubated together with CLDN11-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 CLDN11 concentration since CLDN11 from samples and CLDN11-HRP conjugate compete for the anti-CLDN11 antibody binding site. Since the number of sites is limited, as more sites are occupied by CLDN11 from the sample, fewer sites are left to bind CLDN11-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CLDN11 concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	297374750
NCBI GeneID	5010
NCBI Accession #	NP_001171985.1
NCBI GenBank Nucleotide #	NM_001185056.1
Molecular Weight	21,993 Da
NCBI Official Full Name	claudin-11 isoform 2
NCBI Official Synonym Full Names	claudin 11
NCBI Official Symbol	CLDN11
NCBI Official Synonym Symbols	OSP; OTM
NCBI Protein Information	claudin-11; oligodendrocyte-specific protein; oligodendrocyte transmembrane protein
UniProt Protein Name	Claudin-11
UniProt Gene Name	CLDN11
UniProt Synonym Gene Names	OSP; OTM
UniProt Entry Name	CLD11_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.