

Human claudin 1 ELISA Kit | CLDN1 elisa kit

Human Claudin-1, CLDN1 ELISA Kit

CATALOG #
AAA112716

REACTIVITY
Human

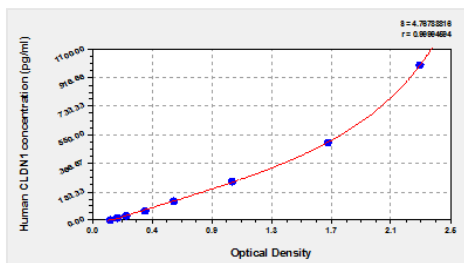
PRODUCT SYNONYMS

claudin 1; Human Claudin-1; CLDN1 ELISA Kit; Human Claudin-1 (CLDN1) ELISA kit; CLD1; ILVASC; SEMP1; senescence-associated epithelial membrane protein 1; CLDN1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of mouse CK-MM. No significant cross-reactivity or interference between mouse CK-MM and analogues was observed.
Sequence Length	211
Samples	Serum, Plasma
Assay Type	Quantitative Sandwich
Detection Range	0.156 mU/ml-10 mU/ml
Sensitivity	0.039 mU/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 CLDN1 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for CK-MM has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any CK-MM present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for CK-MM 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 CK-MM bound in the initial step. The color development is stopped and the intensity of the color is measured.
---	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	10863887
NCBI GeneID	9076
NCBI Accession #	NP_066924.1
NCBI GenBank Nucleotide #	NM_021101.4
UniProt Accession #	O95832
Molecular Weight	22,744 Da
NCBI Official Full Name	claudin-1
NCBI Official Synonym Full Names	claudin 1
NCBI Official Symbol	CLDN1
NCBI Official Synonym Symbols	CLD1; SEMP1; ILVASC
NCBI Protein Information	claudin-1; senescence-associated epithelial membrane protein 1
UniProt Protein Name	Claudin-1
UniProt Gene Name	CLDN1
UniProt Synonym Gene Names	CLD1; SEMP1; UNQ481/PRO944
UniProt Entry Name	CLD1_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://www.aaabiotech.com/cldn1-human-elisa-kits/claudin-1/112716>