

Human Cadherin 17 (CDH17) ELISA Kit | CDH17 elisa kit

Human Cadherin 17 (CDH17) ELISA Kit

CATALOG #
AAA244675

REACTIVITY
Human

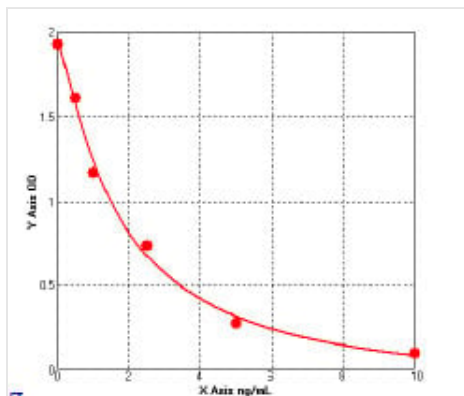
PRODUCT SYNONYMS

Cadherin 17 (CDH17); Human Cadherin 17 (CDH17) ELISA Kit; CDH17 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of CDR2L. No significant cross-reactivity or interference between CDR2L and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between CDR2L and all the analogues, therefore, cross reaction may still exist in some cases.
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 CDH17 elisa kit	Intended Uses: This CDR2L ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human CDR2L. This ELISA kit for research use only! Principle of the Assay: CDR2L ELISA kit applies the competitive enzyme immunoassay technique utilizing an anti-CDR2L antibody and an CDR2L-HRP conjugate. The assay sample and buffer are incubated together with CDR2L-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 CDR2L concentration since CDR2L from samples and CDR2L-HRP conjugate compete for the anti-CDR2L antibody binding site. Since the number of sites is limited, as more sites are occupied by CDR2L from the sample, fewer sites are left to bind CDR2L-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CDR2L concentration in each sample is interpolated from this standard curve.
Product Categories/Family for CDH17 elisa kit	Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	308153624
NCBI GeneID	1015
Molecular Weight	92,219 Da
NCBI Official Full Name	Cadherin-17
NCBI Official Synonym Full Names	cadherin 17, LI cadherin (liver-intestine)
NCBI Official Symbol	CDH17
NCBI Official Synonym Symbols	HPT1; CDH16; HPT-1
NCBI Protein Information	cadherin-17; LI cadherin; LI-cadherin; cadherin-16; HPT-1 cadherin; liver-intestine cadherin; human peptide transporter 1; intestinal peptide-associated transporter HPT-1; human intestinal peptide-associated transporter HPT-1
UniProt Protein Name	Cadherin-17
UniProt Gene Name	CDH17
UniProt Synonym Gene Names	LI-cadherin
UniProt Entry Name	CAD17_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.