

Rabbit E-Cadherin ELISA Kit | E-Cad elisa kit

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CATALOG #
AAA87063

REACTIVITY
Rabbit

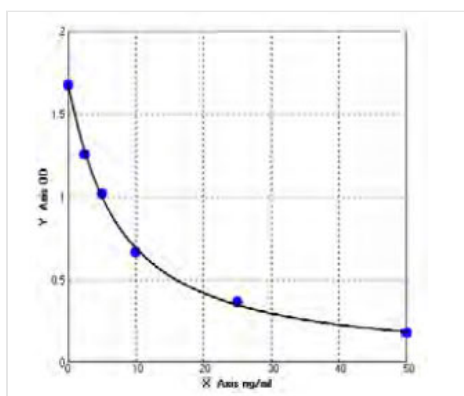
PRODUCT SYNONYMS

E-Cadherin; Rabbit E-Cadherin ELISA Kit; E-Cad elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rabbit
Specificity	This assay has high sensitivity and excellent specificity for detection of CDH1. No significant cross-reactivity or interference between CDH1 and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between CDH1 and all the analogues, therefore, cross reaction may still exist in some cases.
Sequence Length	882
Assay Type	Quantitative Competitive
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Sensitivity	0.1 mg/ml
Preparation and Storage	Store all reagents at 2-8 degree C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for E-Cad elisa kit	Principle of the Assay: CDH1 ELISA kit applies the competitive enzyme immunoassay technique utilizing an anti-CDH1 antibody and an CDH1-HRP conjugate. The assay sample and buffer are incubated together with CDH1-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 CDH1 concentration since CDH1 from samples and CDH1-HRP conjugate compete for the anti-CDH1 antibody binding site. Since the number of sites is limited, as more sites are occupied by CDH1 from the sample, fewer sites are left to bind CDH1-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CDH1 concentration in each sample is interpolated from this standard curve. Intended Uses: This CDH1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rabbit CDH1. This ELISA kit for research use only, not for therapeutic or test applications!
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NCBI AND UNIPROT INFORMATION

NCBI GI #	31073
NCBI GeneID	999
UniProt Accession #	P12830; Q13799; Q14216; Q15855; Q16194; Q4PJ14; Q9UII7; Q9UII8
Molecular Weight	97,456 Da
NCBI Official Full Name	E-cadherin
NCBI Official Synonym Full Names	cadherin 1, type 1, E-cadherin (epithelial)
NCBI Official Symbol	CDH1
NCBI Official Synonym Symbols	UVO; CDHE; ECAD; LCAM; Arc-1; CD324
NCBI Protein Information	cadherin-1; CAM 120/80; E-Cadherin; uvomorulin; cell-CAM 120/80; epithelial cadherin; cadherin 1, E-cadherin (epithelial); calcium-dependent adhesion protein, epithelial
UniProt Protein Name	Cadherin-1
UniProt Gene Name	CDH1
UniProt Synonym Gene Names	CDHE; UVO; E-cadherin
UniProt Entry Name	CADH1_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.