

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

Monkey E-Cadherin ELISA Kit

CATALOG #
AAA88090

REACTIVITY
Monkey

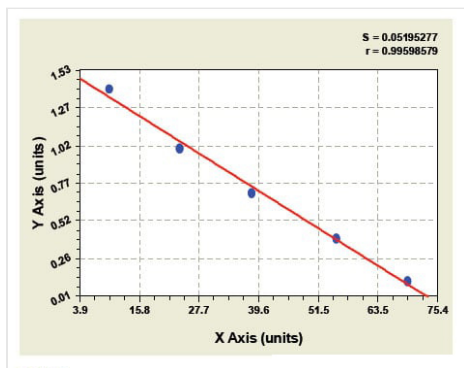
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Monkey
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Sandwich
Detection Range	0.5-10ng/mL
Sensitivity	0.1ng/mL
Intended Uses	This E-Cad ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Monkey E-Cad. This ELISA kit for research use only, not for therapeutic applications!
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: E-Cad ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-E-Cad antibody and an E-Cad-HRP conjugate. The assay sample and buffer are incubated together with E-Cad-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 E-Cad concentration since E-Cad from samples and E-Cad-HRP conjugate compete for the anti-E-Cad antibody binding site. Since the number of sites is limited, as more sites are occupied by E-Cad from the sample, fewer sites are left to bind E-Cad-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The E-Cad concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	31073
NCBI GeneID	999
UniProt Accession #	P12830; Q13799; Q14216; Q15855; Q16194; Q4PJ14; Q9UII8; A8K1U7
Molecular Weight	90,942 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.