

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

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CATALOG #
AAA90685

REACTIVITY
Chicken

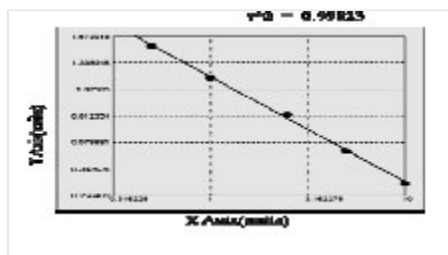
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Chicken
Sequence Length	882
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	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 E-Cad elisa kit

Intended Uses||This ECDH ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Chicken ECDH. This ELISA kit for research use only!

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

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Online datasheet: <https://stage.aaabiotech.com/e-cad-chicken-elisa-kits/e-cadherin/90685>