

Mouse E-Cadherin ELISA Kit | CDH1 elisa kit

Mouse E-Cadherin PicoKine Quick ELISA Kit

CATALOG # AAA128063	REACTIVITY Mouse	APPLICATIONS ELISA
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PRODUCT SYNONYMS

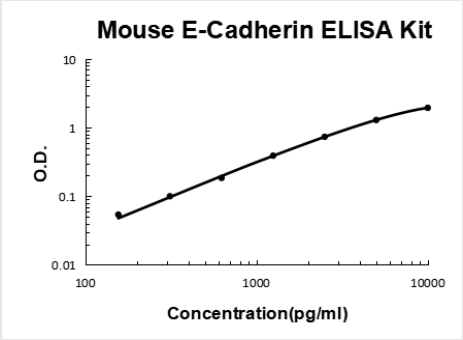
E-Cadherin; Mouse E-Cadherin PicoKine Quick ELISA Kit; Cadherin-1; ARC-1; Epithelial cadherin; E-cadherin; Uvomorulin; CD324; E-Cad/CTF1; E-Cad/CTF2; E-Cad/CTF3; Cdh1; CDH1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Samples	cell culture supernatants, serum and plasma (heparin)
Assay Range	156pg/ml-10,000pg/ml
Sensitivity	<15pg/ml
Capture antibody and Detection antibody	monoclonal antibody from rat polyclonal antibody from goat
Immunogen	Expression system for standard: NS0; Immunogen sequence: D157-V709
Anticoagulant	heparin
Cross Reactivity	There is no detectable cross-reactivity with other relevant proteins.
Applicable Applications for CDH1 elisa kit	ELISA
Kit Components	Description/Quantity Pre-coated 96-well strip microplate/1 Standard/2 vials, 10 ng/tube Biotinylated antibody (100x)/100ul Avidin-Biotin-Peroxidase Complex (100x)/100ul Sample Diluent/30ml Antibody Diluent/12ml Avidin-Biotin-Peroxidase Diluent/12ml Color Developing Reagent (TMB)/10ml Stop Solution/10ml Wash Buffer (25x)/20ml Adhesive plate sealers/4
Materials Required But Not Provided	Microplate Reader capable of reading absorbance at 450nm. Incubator. Automated plate washer (optional). Pipettes and pipette tips capable of precisely dispensing 0.5ul through 1ml volumes of aqueous solutions. Multichannel pipettes are recommended for large amount of samples. Deionized or distilled water. 500ml graduated cylinders. Test tubes for dilution.
Sample Data	Concentration (pg/ml)015631262512502500500010000O.D.0.0300.0840.1300.2150.4210.7671.3261.980
Intra Assay Consistency & Inter Assay Consistency	Intra-Assay PrecisionInter-Assay PrecisionSample123123n161616242424Mean (pg/ml)2421644563121717715410Standard deviation14.52118.36360.3814.53146.99394.93CV (%)6%7.2%6.4%6.7%8.3%7.3%

Reproducibility	LotsLot 1 (pg/ml)Lot 2 (pg/ml)Lot 3 (pg/ml)Lot 4 (pg/ml)Mean (pg/ml)Standard DeviationCV (%)Sample 12422472462422442.270.9%Sample 216441884178816011729113.046.5%Sample 356315520514549735317268.195%*number of samples for each test n=16.
Preparation and Storage	Store at 4 degree C for 6 months. (Ships with gel ice, can store for up to 3 days in room temperature. Refrigerate upon receipt.)

IMAGES



Standard Curve (Sample)
Mouse E-Cadherin PicoKine ELISA Kit standard curve

ADDITIONAL INFORMATION

Related Product Information for CDH1 elisa kit	The brand Picokine indicates this is a premium quality ELISA kit. Each Picokine kit delivers precise quantification, high sensitivity, and excellent reproducibility. Only our most reliable and effective kits qualify as Picokine, guaranteeing top-tier results for your assays.
Product Categories/Family for CDH1 elisa kit	Quick ELISA Kits

NCBI AND UNIPROT INFORMATION

NCBI GI #	115419
NCBI GeneID	12550
UniProt Accession #	P09803; Q61377
Molecular Weight	884
NCBI Official Full Name	Cadherin-1
NCBI Official Synonym Full Names	cadherin 1
NCBI Official Symbol	Cdh1
NCBI Official Synonym Symbols	Um; UVO; Ecad; E-cad; L-CAM; AA960649
NCBI Protein Information	cadherin-1; ARC-1; E-cadherin; uvomorulin; epithelial cadherin
UniProt Protein Name	Cadherin-1
UniProt Gene Name	Cdh1
UniProt Synonym Gene Names	E-cadherin
UniProt Entry Name	CADH1_MOUSE

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.