



## Mouse E-cadherin ELISA Kit (2 plates)

**Catalogue No.:** BEK-2185-2P

**Description:** The mouse E-cadherin Kit is a sandwich ELISA. The capture antibody is a monoclonal mouse E-cadherin antibody pre-coated onto the 96-well strip plates provided in the kit. Test samples and standards of known E-cadherin concentration are added to these wells and allowed to complex with the bound E-cadherin antibody. A biotinylated polyclonal antibody is then added. This detection antibody binds to the antigen thus completing the sandwich. After washing, an enzyme Avidin-Biotin-Peroxidase complex (ABC) is added which binds to the second antibody. The peroxidase substrate TMB is added to induce a coloured reaction product. The intensity of this coloured product is directly proportional to the concentration of E-cadherin present in the samples. The purpose of this kit is the in-vitro quantitative determination of mouse E-cadherin in samples such as sera, plasma, and cell culture supernates. This kit has been configured for research use only and is not to be used in diagnostic or clinical procedures.

**Batch No.:** See product labels

**Other Names:** Cadherin-1; ARC-1; Epithelial cadherin; E-cadherin; Uvomorulin; CD324;

**Accession:** P09803 CADH1\_MOUSE;

**Specificity:** E-cadherin

**Storage:** Store at 2-8C

**Kit components:** The ELISA kit box contains 2 x 96-well pre-coated strip plates, protein standards, detection reagents, substrate buffer and detailed protocols.

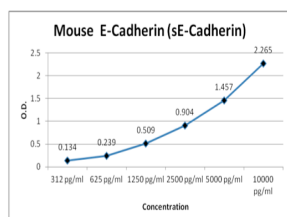
**Range:** 156 pg/mL - 10,000 pg/mL

**Sensitivity:** < 15pg/ml

**Kit protocol:** Please refer to our online product listing for current protocol/MSDS versions.

IX: Typical Standard Curve (for reference only, not to be used for actual data)

Concentration pg/ml	0.0 pg/ml	156 pg/ml	312 pg/ml	625 pg/ml	1250 pg/ml	2500 pg/ml	5000 pg/ml	10000 pg/ml
O.D.	0.016	0.076	0.134	0.239	0.509	0.904	1.457	2.265



FOR RESEARCH USE ONLY