

Cadherin-17 ELISA Kit | CDH17 elisa kit

Mouse Cadherin-17 PicoKine ELISA Kit

CATALOG #
AAA125121

REACTIVITY
Mouse There is no detectable cross-reactivity with other relevant proteins.

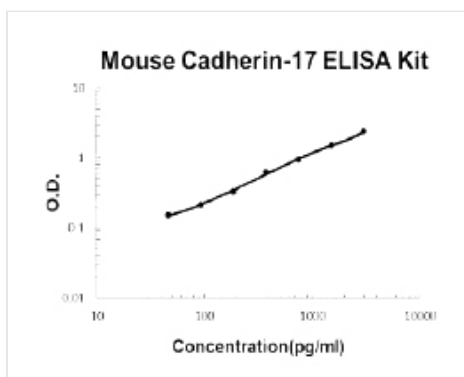
PRODUCT SYNONYMS

Cadherin-17; Mouse Cadherin-17 PicoKine ELISA Kit; Mouse Cadherin-17; BILL-cadherin; Liver-intestine cadherin; LI-cadherin; P130; Cdh17; Cadherin 17; CDH17 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse There is no detectable cross-reactivity with other relevant proteins.
Specificity	Natural and recombinant mouse Cadherin-17
Sequence Length	827
Samples	Cell Culture Supernates, Cell Lysates, Serum And Plasma (Heparin, Edta)
Intra-assay Precision	Intra-Assay Precision (Precision within an assay): Three samples of known concentration were tested on one plate to assess intra-assay precision
Inter-assay Precision	Inter-Assay Precision (Precision accross assays): Three samples of known concentration were tested in separate assays to assess inter-assay precision.
Preparation and Storage	Store at 4 degree C for 6 months. Store at -20 degree C for 12 months. Avoid multiple freeze-thaw cycles.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CDH17 elisa kit

Principle of the Assay: The Picokine Mouse Ccl9 Pre-Coated ELISA (Enzyme-Linked Immunosorbent Assay) kit is a solid phase immunoassay specially designed to measure Mouse Ccl9 with a 96-well strip plate that is pre-coated with antibody specific for Ccl9. The detection antibody is a biotinylated antibody specific for Ccl9. The capture antibody is monoclonal antibody from rat, the detection antibody is polyclonal antibody from goat. The kit contains recombinant Mouse Ccl9 with immunogen: Expression system for standard: E.coli; Immunogen sequence: Q22-Q122. The kit is analytically validated with ready to use reagents. To measure Mouse Ccl9, add standards and samples to the wells, then add the biotinylated detection antibody. Wash the wells with PBS or TBS buffer, and add Avidin-Biotin-Peroxidase Complex (ABC-HRP). Wash away the unbounded ABC-HRP with PBS or TBS buffer and add TMB. TMB is substrate to HRP and will be catalyzed to produce a blue color product, which changes into yellow after adding acidic stop solution. The density of the yellow product is linearly propotional to Mouse Ccl9 in the sample. Read the density of the yellow product in each well using a plate reader, and benchmark the sample wells' readings against the standard curve to determine the concentration of Mouse Ccl9 in the sample!!Background/Introduction: Chemokine(C-C motif) ligand 9(CCL9), also called MIP-1 gamma and MRP-2, is a small cytokine belonging to the CC chemokine family. CCL9 which found around Peyer's patches is secreted by follicle-associated epithelium(FAE), and it can attract dendritic cells that possess the cell surface molecule CD11b and the chemokine receptor CCR1. CCL9 is constitutively expressed in macrophages and myeloid cells. CCL9 can activate osteoclasts through its receptor CCR1(the most abundant chemokine receptor found on osteoclasts) suggesting an important role for CCL9 in bone resorption.

NCBI AND UNIPROT INFORMATION

NCBI GI #	9790073
NCBI GeneID	12557
NCBI Accession #	NP_062727.1
NCBI GenBank Nucleotide #	NM_019753.4
UniProt Accession #	Q9R100
Molecular Weight	91,645 Da
NCBI Official Full Name	cadherin-17
NCBI Official Synonym Full Names	cadherin 17
NCBI Official Symbol	Cdh17
NCBI Official Synonym Symbols	HPT-1; HPT-1/LI
NCBI Protein Information	cadherin-17
UniProt Protein Name	Cadherin-17
UniProt Gene Name	Cdh17
UniProt Synonym Gene Names	LI-cadherin

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/cdh17-mouse-elisa-kits/cadherin-17/125121>