

Rat P-Cadherin ELISA Kit | CDH3 elisa kit

Rat P-Cadherin PicoKine ELISA Kit

CATALOG #
AAA124984

REACTIVITY
Rat

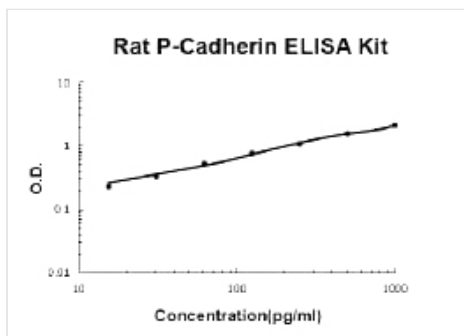
PRODUCT SYNONYMS

P-Cadherin; Rat P-Cadherin PicoKine ELISA Kit; Rat P-Cadherin; CDH3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	Natural and recombinant Rat CCL20
Sequence Length	15
Samples	Cell Culture Supernates, Cell Lysates, Serum And Plasma (Heparin, Edta)
Detection Range	<1pg/ml
Sensitivity	31.2pg/ml-2000pg/ml
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 across assays):Three samples of known concentration were tested in separate assays to assess inter-assay precision.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CDH3 elisa kit	Principle of the Assay: The Picokine Rat CCL20 Pre-Coated ELISA (Enzyme-Linked Immunosorbent Assay) kit is a solid phase immunoassay specially designed to measure Rat CCL20 with a 96-well strip plate that is pre-coated with antibody specific for CCL20. The detection antibody is a biotinylated antibody specific for CCL20. The capture antibody is monoclonal antibody from mouse, the detection antibody is polyclonal antibody from goat. The kit contains recombinant Rat CCL20 with immunogen: Expression system for standard: E.coli; Immunogen sequence: S27-M96. The kit is analytically validated with ready to use reagents. To measure Rat CCL20, 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 proportional to Rat CCL20 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 Rat CCL20 in the sample!!Background/Introduction: Macrophage Inflammatory Protein 3alpha(MIP3alpha), also called Chemokine, cc motif, ligand 20(CCL20). The MIP-3alpha/CCL20 gene was cloned and sequenced, revealing a four exon, three intron structure, and was localized by FISH analysis to 2q35-q36. MIP3alpha is predominantly expressed in lymph nodes, appendix, PBL, fetal liver, fetal lung and several cell lines. MIP3alpha/CCL20 and its receptor CCR6 are markedly upregulated in psoriasis, and they may play a role in the recruitment of T cells to lesional psoriatic skin. And Alanine MIP-3alpha and Serine MIP-3alpha, the two forms of MIP3alpha, that differ by one amino acid at the predicted signal peptide cleavage site. Both of them were chemically synthesized and tested for biological activity. And both flu antigen plus IL-2-activated CD4(+) and CD8(+) T lymphoblasts and cord blood-derived dendritic cells responded to Ser and Ala MIP-3alpha.
--	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	2950172
NCBI GeneID	1001
UniProt Accession #	P22223
NCBI Official Full Name	P-cadherin, partial
NCBI Official Synonym Full Names	cadherin 3
NCBI Official Symbol	CDH3
NCBI Official Synonym Symbols	CDHP; HJMD; PCAD
NCBI Protein Information	cadherin-3

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/rat-elisa-kits/p-cadherin/124984>