

Mouse CXCL17 ELISA Kit | CXCL17 elisa kit

Mouse CXCL17 PicoKine ELISA Kit

CATALOG #
AAA125180

REACTIVITY
Mouse

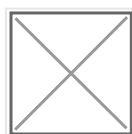
PRODUCT SYNONYMS

CXCL17; Mouse CXCL17 PicoKine ELISA Kit; Mouse CXCL17; chemokine (C-X-C motif) ligand 17; C-X-C motif chemokine 17; 6-Cys CXCL17; 13.6 kDa protein; VEGF coregulated chemokine 1; 4-Cys CXCL17; Cxcl17; Vcc1; CXCL17 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	Natural and recombinant Mouse Cxcl17
Sequence Length	119
Samples	Cell culture supernates, serum and plasma (heparin, EDTA, citrate)
Detection Range	15.6pg/ml-1000pg/ml
Sensitivity	<10pg/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.
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 CXCL17 elisa kit	Principle of the Assay: The Picokine™ Mouse Cxcl17 Pre-Coated ELISA (Enzyme-Linked Immunosorbent Assay) kit is a solid phase immunoassay specially designed to measure Mouse Cxcl17 with a 96-well strip plate that is pre-coated with antibody specific for Cxcl17. The detection antibody is a biotinylated antibody specific for Cxcl17. The capture antibody is a monoclonal antibody from rat, the detection antibody is a biotinylated polyclonal antibody from goat. The kit contains recombinant Mouse Cxcl17 with immunogen: Expression system for standard: E.coli, Immunogen sequence: S23-L119. The kit is analytically validated with ready to use reagents. To measure Mouse Cxcl17, 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 Mouse Cxcl17 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 Cxcl17 in the sample.!!Background/Introduction: Chemokine (C-X-C motif) ligand 17 (CXCL17) is a small cytokine belonging to the CXC chemokine family that has been identified in humans and mice. It is mapped to 7; 7 A3. The protein encoded by this gene is a mucosal chemokine that attracts immature dendritic cells and blood monocytes to the lungs. The encoded protein also promotes tumorigenesis through an angiogenic activity. Finally, this protein exhibits strong antimicrobial activity against E. coli, S. aureus, Salmonella, P. aeruginosa, and C. albicans. Two transcript variants, one protein-coding and the other non-protein coding, have been found for this gene.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	133891727
NCBI GeneID	232983
NCBI Accession #	NP_705804.2
NCBI GenBank Nucleotide #	NP_705804.2
UniProt Accession #	Q5UW37
NCBI Official Full Name	C-X-C motif chemokine 17
NCBI Official Synonym Full Names	chemokine (C-X-C motif) ligand 17
NCBI Official Symbol	Cxcl17
NCBI Official Synonym Symbols	Vcc1; VCC-1
NCBI Protein Information	C-X-C motif chemokine 17
UniProt Protein Name	C-X-C motif chemokine 17
UniProt Gene Name	Cxcl17
UniProt Synonym Gene Names	Vcc1; 6-Cys CXCL17

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.