

Mouse CCL25/TECK ELISA Kit | Ccl25 elisa kit

Mouse CCL25/TECK PicoKine ELISA Kit

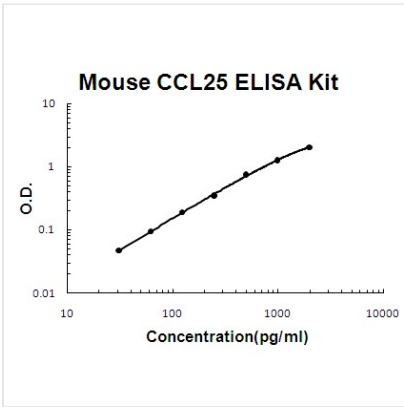
CATALOG # AAA46770	REACTIVITY Mouse
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PRODUCT SYNONYMS

CCL25/TECK; Mouse CCL25/TECK PicoKine ELISA Kit; CCL25; Chemokine TECK; O15444; SCY A25; SCYA25; TECK; Small inducible cytokine A25; Small-inducible cytokine A25; TECKvar; Thymus-expressed chemokine; C-C motif chemokine 25; chemokine (C-C motif) ligand 25; Ccl25 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	Natural and recombinant mouse CCL25
Sequence Length	144
Assay Range	31.2pg/ml-2000pg/ml
Sensitivity	<10pg/ml
Anticoagulant	heparin or EDTA
TMB incubation time	25-30
Immunogen	E Coli, Q24-N144
Sample Data	Concentration(pg/ml): 0 31.2 62.5 125 250 500 1000 2000 O.D.: 0.006 0.046 0.093 0.187 0.345 0.743 1.247 2.004
Intra/Inter Assay Precision	Sample: 1 2 3 1 2 3 n: 16 16 16 24 24 24 Mean(pg/ml): 50.1 133 992 43.8 221 675 Standard Deviation: 2.20 6.38 57.53 2.27 13.92 51.30 CV(%): 4.4 4.8 5.8 5.2 6.3 7.6
Assay Procedure Step 1	Aliquot 0.1ml per well of the 2000pg/ml, 1000pg/ml, 500pg/ml, 250pg/ml, 125pg/ml, 62.5pg/ml, 31.2pg/ml mouse CCL25 standard solutions into the precoated 96-well plate. Add 0.1ml of the sample diluent buffer into the control well (Zero well). Add 0.1ml of each properly diluted sample of mouse cell culture supernates, serum or plasma (heparin, EDTA) to each empty well. It is recommended that each mouse CCL25 standard solution and each sample be measured in duplicate.
Preparation and Storage	Store at 4 degree C for 6 months, at -20 degree C for 12 months. Avoid multiple freeze-thaw cycles.



Standard Curve (Sample)
Mouse CCL25/TECK PicoKine ELISA Kit standard curve

ADDITIONAL INFORMATION

Related Product Information for Ccl25 elisa kit	For quantitative detection of mouse CCL25 in cell culture supernates, cell lysates, tissue homogenates, serum and plasma (heparin, EDTA). Background: Chemokine (C-C motif) ligand 25 (CCL25) is a small cytokine belonging to the CC chemokine family that is also known as TECK (Thymus-Expressed Chemokine). The mouse Teck gene was mapped to chromosome 8 and human Teck gene was to 19p13.2. CCL25 is believed to play a role in the development of T-cells. It is chemotactic for thymocytes, macrophages, and dendritic cells. CCL25 elicits its effects by binding to the chemokine receptor CCR9. Principle: Mouse CCL25 ELISA Kit was based on standard sandwich enzyme-linked immune-sorbent assay technology. A monoclonal antibody from Rat specific for CCL25 has been precoated onto 96-well plates. Standards(Expression system for standard: E Coli, Immunogen sequence: Q24-N144) and test samples are added to the wells, a biotinylated detection polyclonal antibody from goat specific for CCL25 is added subsequently and then followed by washing with PBS or TBS buffer. Avidin-Biotin-Peroxidase Complex was added and unbound conjugates were washed away with PBS or TBS buffer. HRP substRate TMB was used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Mouse CCL25 amount of sample captured in plate.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	6677881
NCBI GeneID	20300
NCBI Accession #	NP_033164.1
NCBI GenBank Nucleotide #	NM_009138.3
UniProt Accession #	O35903; Q9QYY6
Molecular Weight	16,733 Da
NCBI Official Full Name	C-C motif chemokine 25
NCBI Official Synonym Full Names	chemokine (C-C motif) ligand 25
NCBI Official Symbol	Ccl25
NCBI Official Synonym Symbols	TECK; CKb15; Scya25; AI852536; A130072A22Rik
NCBI Protein Information	C-C motif chemokine 25
UniProt Protein Name	C-C motif chemokine 25
UniProt Gene Name	Ccl25

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/mouse-elisa-kits/ccl25-teck/46770>