

Rat Thymus Expressed Chemokine ELISA Kit | TECK elisa kit

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CATALOG #
AAA99233

REACTIVITY
Rat

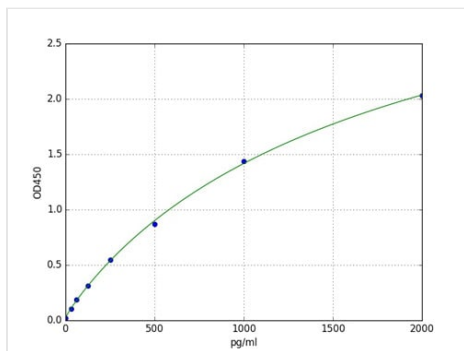
PRODUCT SYNONYMS

Thymus Expressed Chemokine; Rat Thymus Expressed Chemokine ELISA Kit; TECK/CCL25/C-C motif chemokine 25/chemokine (C-C motif) ligand 25/Chemokine TECK/Ck beta-15/Ckb15/SCYA25TECKvar/small inducible cytokine subfamily A (Cys-Cys); member 25/Small-inducible cytokine A25/TECKMGC150327/Thymus-expressed chemokine; TECK elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	144
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	31.25-2000pg/ml
Sensitivity	18.75pg/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

Typical Data & Standard Curve
Results of a typical standard run of a Rat TECK ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	pg/ml	0	31.2	62.5	125	250	500	1000	2000
Y	OD450	0.005	0.106	0.156	0.277	0.463	0.849	1.542	2.270

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TECK elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. anti-Rat TECK antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Rat TECK antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were 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 Rat TECK amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Rat TECK can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	5881909
NCBI GeneID	20300
UniProt Accession #	Q9QYY6; O35903
Molecular Weight	16,733 Da
NCBI Official Full Name	thymus-expressed chemokine
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
UniProt Synonym Gene Names	Scya25; Teck
UniProt Entry Name	CCL25_MOUSE

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/teck-rat-elisa-kits/thymus-expressed-chemokine/99233>