

Human Thymus Expressed Chemokine ELISA Kit | TECK elisa kit

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 CATALOG #
AAA85163

 REACTIVITY
Human

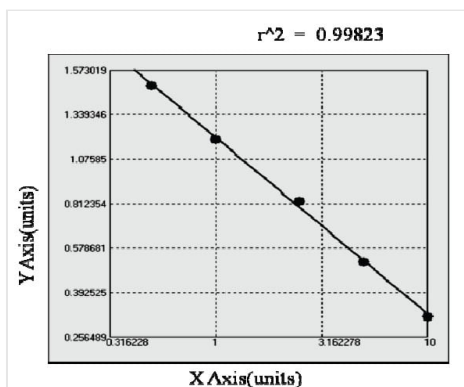
PRODUCT SYNONYMS

Thymus Expressed Chemokine; Human Thymus Expressed Chemokine ELISA Kit; TECK elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	1.0-25ng/mL
Sensitivity	0.1ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TECK elisa kit	For Samples: Serum, plasma, cell culture supernatants, body fluid and tissue homogenate Intended Uses: This TECK ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human TECK. This ELISA kit for research use only! Principle of the Assay: TECK ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-TECK antibody and an TECK-HRP conjugate. The assay sample and buffer are incubated together with TECK-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the TECK concentration since TECK from samples and TECK-HRP conjugate compete for the anti-TECK antibody binding site. Since the number of sites is limited, as more sites are occupied by TECK from the sample, fewer sites are left to bind TECK-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The TECK concentration in each sample is interpolated from this standard curve.
Product Categories/Family for TECK elisa kit	Cell Biology

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; thymus-expressed chemokine; small inducible chemokine 25; small inducible cytokine A25
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.