

Human Tyrosine-protein kinase Tec ELISA Kit | TEC elisa kit

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CATALOG #
AAA99294

REACTIVITY
Human

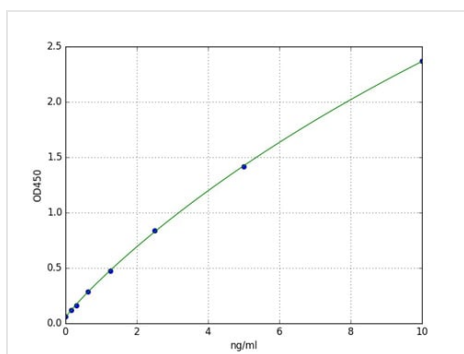
PRODUCT SYNONYMS

Tyrosine-protein kinase Tec; Human Tyrosine-protein kinase Tec ELISA Kit; TEC/PSCTK4/EC 2.7.10/EC 2.7.10.2/MGC126760/MGC126762/tyrosine-protein kinase Tec/tec protein tyrosine kinase; TEC elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	631
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.156-10ng/ml
Sensitivity	0.094ng/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 Human TEC 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	ng/ml	0	0.156	0.313	0.625	1.25	2.5	5	10
Y	OD450	0.025	0.124	0.241	0.354	0.728	1.189	1.987	2.171

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TEC elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. anti-Human TEC antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human TEC 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 Human TEC amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human TEC can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	130977759
NCBI GeneID	7006
NCBI Accession #	NP_003206.2
NCBI GenBank Nucleotide #	NM_003215.2
Molecular Weight	73,581 Da
NCBI Official Full Name	tyrosine-protein kinase Tec
NCBI Official Synonym Full Names	tec protein tyrosine kinase
NCBI Official Symbol	TEC
NCBI Official Synonym Symbols	PSCTK4
NCBI Protein Information	tyrosine-protein kinase Tec
UniProt Protein Name	Tyrosine-protein kinase Tec
UniProt Gene Name	TEC
UniProt Synonym Gene Names	PSCTK4
UniProt Entry Name	TEC_HUMAN

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/human-elisa-kits/tyrosine-protein-kinase-tec/99294>