

Human Thymic stromal lymphopoietin ELISA Kit | TSLP elisa kit

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CATALOG #
AAA98048

REACTIVITY
Human

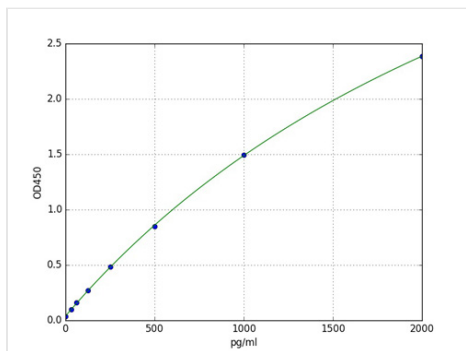
PRODUCT SYNONYMS

Thymic stromal lymphopoietin; Human Thymic stromal lymphopoietin ELISA Kit; TSLP (Thymic stromal lymphopoietin); TSLP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	159
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 TSLP 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	0.028	0.051	0.084	0.146	0.293	0.832	1.658	2.565

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TSLP elisa kit

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

NCBI AND UNIPROT INFORMATION

NCBI GI #

14719428

NCBI GeneID	85480
NCBI Accession #	NP_149024.1
NCBI GenBank Nucleotide #	NM_033035.4
Molecular Weight	7,426 Da
NCBI Official Full Name	thymic stromal lymphopoietin isoform 1
NCBI Official Synonym Full Names	thymic stromal lymphopoietin
NCBI Official Symbol	TSLP
NCBI Protein Information	thymic stromal lymphopoietin
UniProt Protein Name	Thymic stromal lymphopoietin
UniProt Gene Name	TSLP
UniProt Entry Name	TSLP_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/tslp-human-elisa-kits/thymic-stromal-lymphopoietin/98048>