

Human Thymic Stromal Lymphopoietin (TSLP) ELISA Kit | TSLP elisa kit

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CATALOG #
AAA139323

REACTIVITY
Human

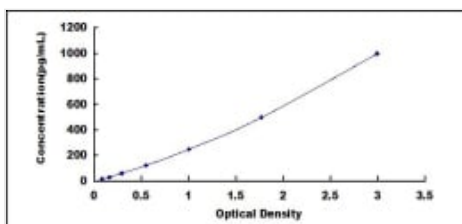
PRODUCT SYNONYMS

Thymic Stromal Lymphopoietin (TSLP); Human Thymic Stromal Lymphopoietin (TSLP) ELISA Kit; TSLP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Thymic Stromal Lymphopoietin (TSLP). No significant cross-reactivity or interference between Thymic Stromal Lymphopoietin (TSLP) and analogues was observed.
Sequence Length	63
Assay Type	Double-antibody Sandwich
Samples	Serum, Plasma, Tissue homogenates, Cell lysates, Cell culture supernates and other biological fluids
Detection Range	15.6-1,000pg/mL
Sensitivity	6.0pg/mL
Application	Enzyme-linked immunosorbent assay for Antigen Detection.
Intra-assay Precision (Precision within an assay)	3 samples with low, middle and high level Thymic Stromal Lymphopoietin (TSLP) were tested 20 times on one plate, respectively.
Inter-assay Precision (Precision between assays)	3 samples with low, middle and high level Thymic Stromal Lymphopoietin (TSLP) were tested on 3 different plates, 8 replicates in each plate.
CV(%) =	SD/meanX100
Intra-Assay	CV<10%
Inter-Assay	CV<12%
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TSLP elisa kit	The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Thymic Stromal Lymphopoietin (TSLP). Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody specific to Thymic Stromal Lymphopoietin (TSLP). Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain Thymic Stromal Lymphopoietin (TSLP), biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm ± 10nm. The concentration of Thymic Stromal Lymphopoietin (TSLP) in the samples is then determined by comparing the O.D. of the samples to the standard curve.
Product Categories/Family for TSLP elisa kit	Immune molecule

NCBI AND UNIPROT INFORMATION

NCBI GI #	14719428
NCBI GeneID	85480
NCBI Accession #	NP_149024.1
NCBI GenBank Nucleotide #	NM_033035.4
UniProt Accession #	Q969D9; Q8IW99; Q96AU7; G3XAM8
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://stage.aaabiotech.com/human-elisa-kits/thymic-stromal-lymphopoietin-tslp/139323>