

Human Thymic Stromal Lymphopoietin ELISA Kit | TSLP elisa kit

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CATALOG #
AAA84472

REACTIVITY
Human

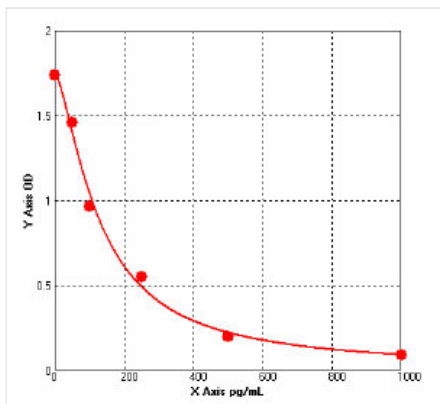
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of TSLP. No significant cross-reactivity or interference between TSLP and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between TSLP and all the analogues, therefore, cross reaction may still exist in some cases.
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Quantitative Competitive
Sensitivity	1.0 pg/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TSLP elisa kit	Intended Uses: This TSLP ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human TSLP. This ELISA kit for research use only, not for therapeutic or test applications! Principle of the Assay: TSLP ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-TSLP antibody and an TSLP-HRP conjugate. The assay sample and buffer are incubated together with TSLP-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 TSLP concentration since TSLP from samples and TSLP-HRP conjugate compete for the anti-TSLP antibody binding site. Since the number of sites is limited, as more sites are occupied by TSLP from the sample, fewer sites are left to bind TSLP-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The TSLP concentration in each sample is interpolated from this standard curve.
Product Categories/Family for TSLP elisa kit	Immunology

NCBI AND UNIPROT INFORMATION

NCBI GI #	14719428
NCBI GeneID	85480
NCBI Accession #	NP_149024.1
NCBI GenBank Nucleotide #	NM_033035.4
Molecular Weight	18,141 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.

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Online datasheet: <https://stage.aaabiotech.com/tslp-human-elisa-kits/thymic-stromal-lymphopoietin/84472>