

Human TSLP ELISA Kit | TSLP elisa kit

Human TSLP ELISA Kit

CATALOG # AAA261735	REACTIVITY Human	APPLICATIONS ELISA
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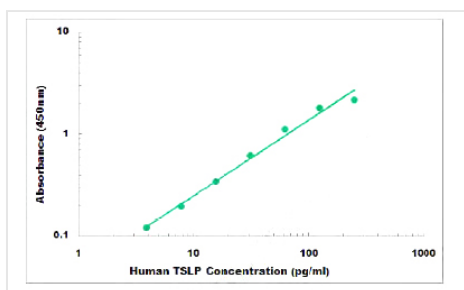
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	The Human TSLP ELISA Kit allows for the detection and quantification of endogenous levels of natural and/or recombinant Human TSLP proteins within the range of 3.9 pg/ml - 250 pg/ml.
Sequence Length	159
Samples	Cell Culture Supernatants, Serum, Plasma.
Sensitivity	2 pg/ml.
Applicable Applications for TSLP elisa kit	ELISA (Sandwich ELISA)
Preparation and Storage	Shipped and store at 4 degree C for 6 months, store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TSLP elisa kit	Principle of the Assay: The Human TSLP ELISA (Enzyme-Linked Immunosorbent Assay) kit is an in vitro enzyme-linked immunosorbent assay for the quantitative measurement of Human TSLP in Cell Culture Supernatants, Serum, Plasma. This assay employs an antibody specific for Human TSLP coated on a 96-well plate. Standards and samples are pipetted into the wells and TSLP present in a sample is bound to the wells by the immobilized antibody. The wells are washed and biotinylated anti-Human TSLP antibody is added. After washing away unbound biotinylated antibody, HRP-conjugated streptavidin is pipetted to the wells. The wells are again washed, a TMB substrate solution is added to the wells and color develops in proportion to the amount of TSLP bound. The Stop Solution changes the color from blue to yellow, and the intensity of the color is measured at 450 nm. Background: Thymic stromal lymphopoietin, also called TSLP is a protein belonging to the cytokine family. This gene is mapped to 5q22.1. It encodes a hemopoietic cytokine proposed to signal through a heterodimeric receptor complex composed of the thymic stromal lymphopoietin receptor and the IL-7R alpha chain. It mainly impacts myeloid cells and induces the release of T cell-attracting chemokines from monocytes and enhances the maturation of CD11c (+) dendritic cells. The protein promotes T helper type 2 (TH2) cell responses that are associated with immunity in various inflammatory diseases, including asthma, allergic inflammation and chronic obstructive pulmonary disease. The protein is therefore considered a potential therapeutic target for the treatment of such diseases.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	74751719
NCBI GeneID	85480
UniProt Accession #	Q969D9; Q8IW99; Q96AU7; G3XAM8
Molecular Weight	7,426 Da
NCBI Official Full Name	Thymic stromal lymphopoietin
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/human-elisa-kits/tslp/261735>