

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

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CATALOG #
AAA332065

REACTIVITY
Mouse

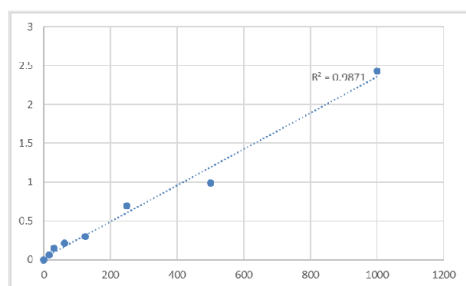
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	Mouse Thymic stromal lymphopoietin (TSLP) ELISA Kit has high sensitivity and excellent specificity for detection of Mouse TSLP. No significant cross-reactivity or interference between Mouse TSLP and analogues was observed.
Sequence Length	140
Assay Type	Sandwich ELISA (Quantitative)
Samples	Cell Culture Supernatants, Serum, Plasma, Other Biological Fluids
Detection Method	Colorimetric
Usage Notes	* Do not mix components from different kit lots or use reagents beyond the kit expiration date. * Allow all reagents to warm to room temperature for at least 30 minutes before opening. * Pre-rinse the pipet tip with reagent, use fresh pipet tips for each sample, standard and reagent to avoid contamination. * Unused wells must be kept desiccated at 4 degree C in the sealed bag provided. * Mix Thoroughly is very important for the result. It is recommended using low frequency oscillator or slight hand shaking every 10 minutes. * It is recommended that all samples and standards be assayed in duplicate or triplicate.
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

Fig.1. Mouse Thymic stromal lymphopoietin (TSLP) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for TSLP elisa kit	Description: This Mouse Thymic stromal lymphopoietin (TSLP) ELISA Kit employs a two-site sandwich ELISA to quantitate TSLP in samples. An antibody specific for TSLP has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any TSLP present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for TSLP is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of TSLP bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: The cytokine thymic stromal lymphopoietin (TSLP) drives immature B cell development in vitro and may regulate T helper type 2 responses. Thymic stromal lymphopoietin, also known as TSLP, is a human gene. This gene 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. Alternative splicing of this gene results in two transcript variants. TSLP is an interleukin (IL)-7-like cytokine produced by epithelial cells and triggers dendritic cell-mediated Th2 type allergic inflammatory responses.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	81868532
NCBI GeneID	53603
UniProt Accession #	Q9JIE6
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_MOUSE

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.