Thymic Stromal Lymphopoietin (TSLP) ELISA Kit for Cat

PRODUCT OVERVIEW

Product Name	Thymic Stromal Lymphopoietin (TSLP), ELISA Kit
Full Product Name	Cat Thymic Stromal Lymphopoietin ELISA Kit
Product Gene Name	TSLP elisa kit
Species Reactivity	Cat
Preparation and Storage	Store all reagents at 2-8 degree C
Molecular Weight	18,141 Da
Chromosome Location	Chromosome: 5; NC_000005.9 (110405778..110413722). Location: 5q22.1
OMIM	607003
3D Structure	ModBase 3D Structure for Q969D9
Related Product Information for TSLP elisa kit	MBS061388 is a ready-to-use microwell, strip-or-full plate ELISA (enzyme-linked immunosorbent assay) Kit for analyzing the presence of the Thymic Stromal Lymphopoietin (TSLP) ELISA Kit target analytes in biological samples. The concentration gradients of the kit standards or positive controls render a theoretical kit detection range in biological research samples containing TSLP. The ELISA analytical biochemical technique of the MBS061388 kit is based on TSLP antibody-TSLP antigen interactions (immunosorbency) and an HRP colorimetric detection system to detect TSLP antigen targets in samples. The ELISA Kit is designed to detect native, not recombinant, TSLP. Appropriate sample types may include undiluted body fluids and/or tissue homogenates, secretions. Quality control assays assessing reproducibility identified the intra-assay CV (%) and inter-assay CV(%).
Other Notes	Small volumes of TSLP elisa kit vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for TSLP. It may not necessarily be applicable to this product.

NCBI GI #	190886449
NCBI GeneID	85480
NCBI Accession #	NP_612561.2
UniProt Primary Accession #	Q969D9
UniProt Secondary Accession #	Q8IW99
UniProt Related Accession #	Q969D9
GenBank Nucleotide #	NM_138551.4
NCBI Official Full Name	thymic stromal lymphopoietin isoform 2
NCBI Official Synonym Full Names	thymic stromal lymphopoietin
NCBI Official Symbol	TSLP
UniProt Protein Name	Thymic stromal lymphopoietin
Protein Family	Thymic stromal lymphopoietin
UniProt Gene Name	TSLP

UniProt Entry Name	TSLP_HUMAN
NCBI Protein Information	thymic stromal lymphopoietin
NCBI Summary for TSLP	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. 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. Alternative splicing of this gene results in multiple transcript variants. [provided by RefSeq, Jan 2012]
UniProt Comments for TSLP	TSLP: Cytokine that induces the release of T-cell-attracting chemokines from monocytes and, in particular, enhances the maturation of CD11c(+) dendritic cells. Can induce allergic inflammation by directly activating mast cells. Protein type: Secreted; Secreted, signal peptide Chromosomal Location of Human Ortholog: 5q22.1 Cellular Component: extracellular space Molecular Function: cytokine activity
Research Articles on TSLP	**1.** This study suggests that SNPs in TSLP gene may exert a gender and/or nasal polyposis-dependent risk for development of CRS in Chinese subjects.
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Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

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