ARG81274
Human TSLP ELISA Kit

Package: 96 wells
Store at: 4°C

Summary

Product Description	ARG81274 Human TSLP ELISA Kit is an Enzyme Immunoassay kit for the quantification of Human TSLP in serum, plasma or cell culture supernatants.
Tested Reactivity	Hu
Tested Application	ELISA
Target Name	TSLP
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm.
Sensitivity	4 pg/ml
Sample Type	Serum, plasma or cell culture supernatants.
Standard Range	7.8 - 500 pg/ml
Sample Volume	100 µl
Alternate Names	Thymic stromal lymphopoietin

Application Instructions

Assay Time	~ 3.5 hours

Properties

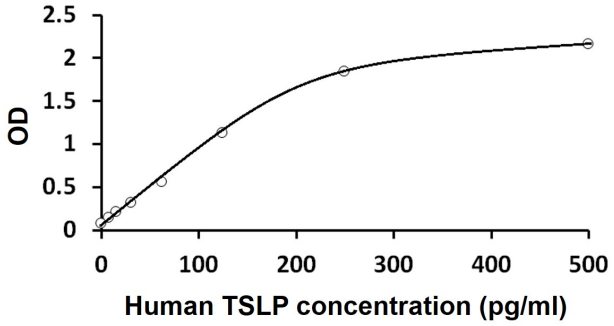
Form	96 well
Storage instruction	Store the kit at 2-8°C. Keep microplate wells sealed in a dry bag with desiccants. Do not expose test reagents to heat, sun or strong light during storage and usage. Please refer to the product user manual for detail temperatures of the components.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	TSLP
Gene Full Name	thymic stromal lymphopoietin
Background	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]

Function	Isoform 1: 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. Isoform 2: May act as an antimicrobial peptide in the oral cavity and on the skin. [UniProt]
Highlight	Related products: TSLP antibodies; TSLP ELISA Kits; New ELISA data calculation tool: Simplify the ELISA analysis by GainData

Images



ARG81274 Human TSLP ELISA Kit standard curve image

ARG81274 Human TSLP ELISA Kit results of a typical standard run with optical density reading at 450 nm.