

## ARG81181 Mouse TSLP ELISA Kit

Package: 96 wells  
Store at: 4°C

### Summary

Product Description	ARG81181 Mouse TSLP ELISA Kit is an Enzyme Immunoassay Kit for the quantification of Mouse TSLP in serum, plasma and cell culture supernatants.
Tested Reactivity	Ms
Tested Application	ELISA
Specificity	No significant cross-reactivity or interference with Mouse IL-7, TSLP R/Fc Chimera and Human TSLP, TSLP R/Fc Chimera.
Target Name	TSLP
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm
Sensitivity	15 pg/ml
Sample Type	Serum, plasma and cell culture supernatants.
Standard Range	31.25 - 2000 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

Database links	<a href="#">GeneID: 53603 Mouse</a> <a href="#">Swiss-port # Q9JIE6 Mouse</a>
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:

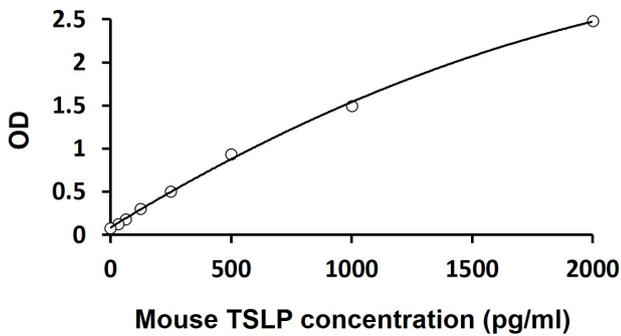
[TSLP antibodies](#); [TSLP ELISA Kits](#);

New ELISA data calculation tool:

[Simplify the ELISA analysis by GainData](#)

Images

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ARG81181 Mouse TSLP ELISA Kit standard curve image

ARG81181 Mouse TSLP ELISA Kit results of a typical standard run with optical density reading at 450 nm.