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## Datasheet for ABIN4987141 Thymic Stromal Lymphopoietin ELISA Kit





#### Overview

Quantity:	96 tests		
Target:	Thymic Stromal Lymphopoietin (TSLP)		
Reactivity:	Human		
Method Type:	Sandwich ELISA		
Detection Range:	3.9-250 pg/mL		
Minimum Detection Limit:	3.9 pg/mL		
Application:	ELISA		

### Product Details

Sample Type:	Cell Culture Supernatant, Serum, Plasma (heparin), Plasma (citrate), Plasma (EDTA)
Analytical Method:	Quantitative
Detection Method:	Colorimetric
Specificity:	Natural and recombinant Human TSLP Ligand
Sensitivity:	2 pg/mL
Material not included:	<ul><li>Microplate reader.</li><li>Pipettes and pipette tips.</li><li>EP tube Deionized or distilled water.</li></ul>

#### Target Details

Target:

Thymic Stromal Lymphopoietin (TSLP)

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Target Details	
Alternative Name:	TSLP (TSLP Products)
Background:	Thymic Stromal Lymphopoietin (TSLP) is a 23 kDa member of the IL-7 family of a-helical cytokines (1-3). It is a monomeric glycoprotein that is synthesized as a 159 amino acid (aa) precursor (4, 5). TSLP appears to have species-specific functions. In mouse, TSLP was initially reported to act on NK cells, mast cells, and B cells, but this does not appear to occur in humans. In humans, TSLP is produced by a number of divergent cell types, all of which appear to target T cells, monocytes, and/or dendritic cells (2). On TCR-activated T cells, TSLP directly induces T cell proliferation (6). The significance of this direct action is unclear. On monocytes, TSLP is reported to induce the release of multiple chemokines that target CCR4, a receptor associated with the Th2 subset (5). TSLP is best known for its direct action on subsets of dendritic cells. In thymic medulla, Hassell

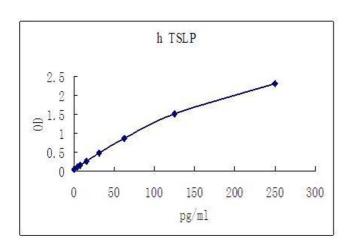
## Application Details

Application Notes:	Detection Wavelength: 450 nm
Sample Volume:	20 µL
Assay Time:	3 h
Plate:	Pre-coated
Restrictions:	For Research Use only

Handling

Storage:

Images



4°C

ELISA		
Image 1.		

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