

Human Thymic Stromal Lymphopoietin (TSLP) CLIA Kit | TSLP clia kit

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CATALOG #
AAA141155

REACTIVITY
Human

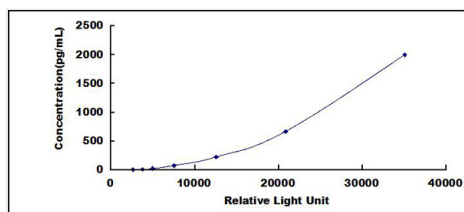
PRODUCT SYNONYMS

Thymic Stromal Lymphopoietin (TSLP); Human Thymic Stromal Lymphopoietin (TSLP) CLIA Kit; TSLP clia kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Thymic Stromal Lymphopoietin (TSLP). No significant cross-reactivity or interference between Thymic Stromal Lymphopoietin (TSLP) and analogues was observed.
Sequence Length	159
Assay Type	Double-antibody Sandwich
Samples	Serum, Plasma, Tissue homogenates, Cell lysates, Cell culture supernates and other biological fluids
Detection Range	2.74-2,000pg/mL
Sensitivity	1.13pg/mL
Application	Chemiluminescent immunoassay for Antigen Detection.
Intra-assay Precision (Precision within an assay)	3 samples with low, middle and high level Thymic Stromal Lymphopoietin (TSLP) were tested 20 times on one plate, respectively.
Inter-assay Precision (Precision between assays)	3 samples with low, middle and high level Thymic Stromal Lymphopoietin (TSLP) were tested on 3 different plates, 8 replicates in each plate.
CV(%) =	SD/meanX100
Intra-Assay	CV<10%
Inter-Assay	CV<12%
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TSLP clia kit	The microplate provided in this kit has been pre-coated with an antibody specific to Thymic Stromal Lymphopoietin (TSLP). Standards or samples are then added to the appropriate microplate wells with a biotin-conjugated antibody specific to Thymic Stromal Lymphopoietin (TSLP). Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then the mixture of substrate A and B is added to generate glow light emission kinetics. Upon plate development, the intensity of the emitted light is proportional to the Thymic Stromal Lymphopoietin (TSLP) level in the sample or standard.;
Product Categories/Family for TSLP clia kit	Immune molecule

NCBI AND UNIPROT INFORMATION

NCBI GI #	14719428
NCBI GeneID	85480
NCBI Accession #	NP_149024.1
NCBI GenBank Nucleotide #	NM_033035.4
Molecular Weight	7,426 Da
NCBI Official Full Name	thymic stromal lymphopoietin isoform 1
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_HUMAN

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.

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Online datasheet: <https://stage.aaabiotech.com/human-clia-kits/thymic-stromal-lymphopoietin-tslp/141155>