

Goat Thymic Stromal Lymphopoietin ELISA Kit | TSLP elisa kit

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CATALOG #
AAA88694

REACTIVITY
Goat

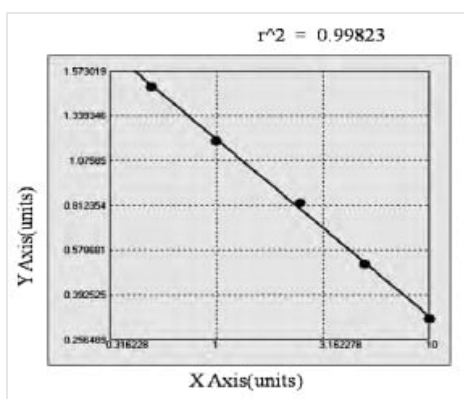
PRODUCT SYNONYMS

Thymic Stromal Lymphopoietin; Goat Thymic Stromal Lymphopoietin ELISA Kit; TSLP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Goat
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	0.1 ng/mL.
Intended Uses	This TSLP ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Goat TSLP. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TSLP elisa kit

Principle of the assay: TSLP ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-TSLP antibody and an TSLP-HRP conjugate. The assay sample and buffer are incubated together with TSLP-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the TSLP concentration since TSLP from samples and TSLP-HRP conjugate compete for the anti-TSLP antibody binding site. Since the number of sites is limited, as more sites are occupied by TSLP from the sample, fewer sites are left to bind TSLP-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The TSLP concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	14719428
NCBI GeneID	85480
NCBI Accession #	NP_149024.1
NCBI GenBank Nucleotide #	NM_033035.4
UniProt Accession #	Q969D9; Q8IW99; Q96AU7
Molecular Weight	18,141 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.