

Human Soluble OX40L (SOX40L) ELISA Kit | SOX40L elisa kit

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CATALOG #
AAA330422

REACTIVITY
Human

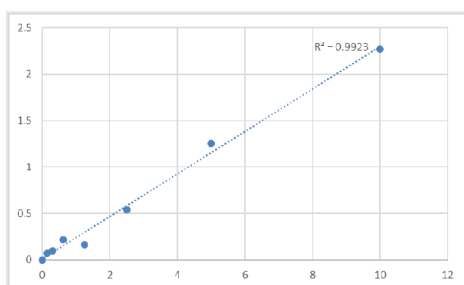
PRODUCT SYNONYMS

Soluble OX40L (SOX40L); Human Soluble OX40L (SOX40L) ELISA Kit; TNFSF4; CD134L; CD252; GP34; OX-40L; OX40L; TXGP1; CD134 ligand; OX40 antigen ligand; tax-transcriptionally activated glycoprotein 1 (34kD); SOX40L elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Soluble OX40L (sOX40L) ELISA Kit has high sensitivity and excellent specificity for detection of Human TNFSF4. No significant cross-reactivity or interference between Human TNFSF4 and analogues was observed.
Sequence Length	183
Assay Type	Sandwich ELISA (Quantitative)
Samples	Cell Culture Supernatants, Serum, Plasma, Other Biological Fluids
Detection Method	Colorimetric
Usage Notes	* Do not mix components from different kit lots or use reagents beyond the kit expiration date. * Allow all reagents to warm to room temperature for at least 30 minutes before opening. * Pre-rinse the pipet tip with reagent, use fresh pipet tips for each sample, standard and reagent to avoid contamination. * Unused wells must be kept desiccated at 4 degree C in the sealed bag provided. * Mix Thoroughly is very important for the result. It is recommended using low frequency oscillator or slight hand shaking every 10 minutes. * It is recommended that all samples and standards be assayed in duplicate or triplicate.
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

Fig.1. Human Soluble OX40L (sOX40L) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for SOX40L elisa kit	Description: This Human Soluble OX40L (sOX40L) ELISA Kit employs a two-site sandwich ELISA to quantitate TNFSF4 in samples. An antibody specific for TNFSF4 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any TNFSF4 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for TNFSF4 is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of TNFSF4 bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: sOX40L encodes a cytokine of the tumor necrosis factor (TNF) ligand family. Soluble OX40L functions in T cell antigen-presenting cell (APC) interactions and mediates adhesion of activated T cells to endothelial cells. Polymorphisms in this gene have been associated with Sjogren's syndrome and systemic lupus erythematosus. Alternative splicing results in multiple transcript variants.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4507603
NCBI GeneID	7292
NCBI Accession #	NP_003317
NCBI GenBank Nucleotide #	NP_003317.1
UniProt Accession #	P23510
NCBI Official Full Name	tumor necrosis factor ligand superfamily member 4 isoform 1
NCBI Official Synonym Full Names	TNF superfamily member 4
NCBI Official Symbol	TNFSF4
NCBI Official Synonym Symbols	GP34; CD252; OX40L; TXGP1; CD134L; OX-40L; TNLG2B
NCBI Protein Information	tumor necrosis factor ligand superfamily member 4
UniProt Protein Name	Tumor necrosis factor ligand superfamily member 4
UniProt Gene Name	TNFSF4
UniProt Synonym Gene Names	TXGP1; OX40L
UniProt Entry Name	TNFL4_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.