

Human Soluble Tumor Necrosis Factor-Related Apoptosis Inducing Ligand (sTRAIL) ELISA Kit | sTRAIL elisa kit

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CATALOG #
AAA330429

REACTIVITY
Human

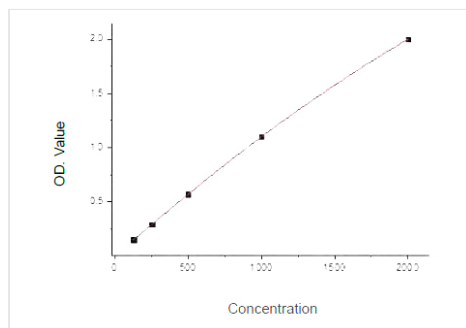
PRODUCT SYNONYMS

Soluble Tumor Necrosis Factor-Related Apoptosis Inducing Ligand (sTRAIL); Human Soluble Tumor Necrosis Factor-Related Apoptosis Inducing Ligand (sTRAIL) ELISA Kit; TNFSF10; APO2L; Apo-2L; CD253; TL2; TRAIL; Apo-2 ligand; TNF-related apoptosis inducing ligand TRAIL; tumor necrosis factor (ligand) family; member 10; tumor necrosis factor apoptosis-inducing ligand splice var; sTRAIL elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Soluble tumor necrosis factor-related apoptosis inducing ligand (sTRAIL) ELISA Kit has high sensitivity and excellent specificity for detection of Human sTRAIL. No significant cross-reactivity or interference between Human sTRAIL and analogues was observed.
Sequence Length	101
Assay Type	Sandwich
Samples	Human serum, cell culture supernates and other biological fluids
Detection Range	125 pg/ml - 2000 pg/ml
Sensitivity	< 12pg/ml
Intra-assay Precision	Four samples of known concentration were tested twenty times on one plate to assess intra-assay precision. The CV (%)?9%.
Inter-assay Precision	Three samples of known concentration were tested in twenty separate assays to assess inter-assay precision. Assays were performed by at least three technicians using two lots of components. The CV (%)?11%.
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for sTRAIL elisa kit	Background: This protein is a cytokine that belongs to the tumor necrosis factor (TNF) ligand family. This protein preferentially induces apoptosis in transformed and tumor cells, but does not appear to kill normal cells although it is expressed at a significant level in most normal tissues. This protein binds to several members of TNF receptor superfamily including TNFRSF10A/TRAILR1, TNFRSF10B/TRAILR2, TNFRSF10C/TRAILR3, TNFRSF10D/TRAILR4, and possibly also to TNFRSF11B/OPG. The activity of this protein may be modulated by binding to the decoy receptors TNFRSF10C/TRAILR3, TNFRSF10D/TRAILR4, and TNFRSF11B/OPG that cannot induce apoptosis. Principle of the Assay: Human Soluble tumor necrosis factor-related apoptosis inducing ligand (sTRAIL) ELISA Kit employs a two-site sandwich ELISA to quantitate sTRAIL in samples. An antibody specific for sTRAIL has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any sTRAIL present is bound by the immobilized antibody. After removing any unbound substances, HRP-Conjugated Human sTRAIL detection antibody is added to the wells. Following a wash to remove any unbound HRP reagent, a Chromogen solution is added to the wells and color develops in proportion to the amount of sTRAIL bound in the initial step.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	300193032
NCBI GeneID	8743
NCBI Accession #	NP_001177871.1
NCBI GenBank Nucleotide #	NP_001177871.1
UniProt Accession #	P50591
NCBI Official Full Name	tumor necrosis factor ligand superfamily member 10 isoform 2
NCBI Official Synonym Full Names	TNF superfamily member 10
NCBI Official Symbol	TNFSF10
NCBI Official Synonym Symbols	TL2; APO2L; CD253; TRAIL; Apo-2L; TNLG6A
NCBI Protein Information	tumor necrosis factor ligand superfamily member 10
UniProt Protein Name	Tumor necrosis factor ligand superfamily member 10
UniProt Gene Name	TNFSF10
UniProt Synonym Gene Names	APO2L; TRAIL; Apo-2L
UniProt Entry Name	TNF10_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.