

TRAILR3/TNFRSF10C elisa kit

Human TRAILR3/TNFRSF10C PicoKine ELISA Kit

CATALOG # AAA124799	REACTIVITY Human There is no detectable cross-reactivity with other relevant proteins.	APPLICATIONS ELISA
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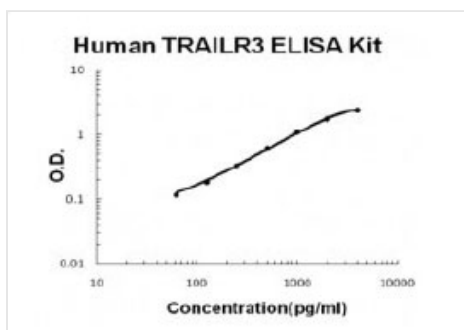
PRODUCT SYNONYMS

TRAILR3/TNFRSF10C; Human TRAILR3/TNFRSF10C PicoKine ELISA Kit; Tumor necrosis factor receptor superfamily member 10C; Antagonist decoy receptor for TRAIL/Apo-2L; Decoy TRAIL receptor without death domain; Decoy receptor 1; DcR1; Lymphocyte inhibitor of TRAIL; TNF-related apoptosis-inducing ligand receptor 3; TRAIL receptor 3; TRAIL-R3; TRAIL receptor without an intracellular domain; CD263; TNFRSF10C; DCR1; LIT; TRAILR3; TRID; UNQ321/PRO366; TRAILR3/TNFRSF10C elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human There is no detectable cross-reactivity with other relevant proteins.
Specificity	Natural and recombinant Human TRAILR3/TNFRSF10C
Sequence Length	259
Assay Type	Quantitative Sandwich
Detection Range	62.5pg/ml-4000pg/ml
Sensitivity	<12pg/ml
Applicable Applications for TRAILR3/TNFRSF10C elisa kit	ELISA
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision.
Preparation and Storage	Store at 4 degree C for 6 months, at -20 degree C for 12 months. Avoid multiple freeze-thaw cycles.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TRAILR3/TNFRSF10C elisa kit	Principle of the Assay: Human TRAILR3/TNFRSF10C ELISA Kit was based on standard sandwich enzyme-linked immune-sorbent assay technology. A monoclonal antibody from mouse specific for TRAILR3/TNFRSF10C has been precoated onto 96-well plates. Standards(Expression system for standard: NSO, Immunogen sequence: A26-A236) and test samples are added to the wells, a biotinylated detection a biotinylated polyclonal antibody from goat specific for TRAILR3/TNFRSF10C is added subsequently and then followed by washing with PBS or TBS buffer. Avidin-Biotin-Peroxidase Complex was added and unbound conjugates were washed away with PBS or TBS buffer. HRP substrate TMB was used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Human TRAILR3/TNFRSF10C amount of sample captured in plate. Background: TRAILR3/TNFRSF10C is a member of the TNF-receptor superfamily. This receptor contains an extracellular TRAIL-binding domain and a transmembrane domain, but no cytoplasmic death domain. This receptor is not capable of inducing apoptosis, and is thought to function as an antagonistic receptor that protects cells from TRAIL-induced apoptosis. TRAILR3 gene was found to be a p53-regulated DNA damage-inducible gene. The expression of this gene was detected in many normal tissues but not in most cancer cell lines, which may explain the specific sensitivity of cancer cells to the apoptosis-inducing activity of TRAIL.
Product Categories/Family for TRAILR3/TNFRSF10C elisa kit	Cell Biology; Apoptosis; Receptors; decoy Receptors; Immunology; Innate Immunity; Cytokines; Necrosis Factors; Cancer; Cell Death

NCBI AND UNIPROT INFORMATION

NCBI GI #	22547121
NCBI GeneID	8794
NCBI Accession #	NP_003832.2
NCBI GenBank Nucleotide #	NM_003841.4
UniProt Accession #	O14798; O14755; Q08AS6; Q6FH98; Q6UXM5
Molecular Weight	27,407 Da
NCBI Official Full Name	tumor necrosis factor receptor superfamily member 10C
NCBI Official Synonym Full Names	TNF receptor superfamily member 10c
NCBI Official Symbol	TNFRSF10C
NCBI Official Synonym Symbols	LIT; DCR1; TRID; CD263; TRAILR3; TRAIL-R3; DCR1-TNFR
NCBI Protein Information	tumor necrosis factor receptor superfamily member 10C
UniProt Protein Name	Tumor necrosis factor receptor superfamily member 10C
UniProt Gene Name	TNFRSF10C
UniProt Synonym Gene Names	DCR1; LIT; TRAILR3; TRID; DcR1; TRAIL receptor 3; TRAIL-R3

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-elisa-kits/trailr3-tnfrsf10c/124799>