

Human Tumor Necrosis Factor Receptor Superfamily, Member 10C (TNFRSF10C) ELISA Kit | TNFRSF10C elisa kit

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CATALOG # AAA149016	REACTIVITY Human
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PRODUCT SYNONYMS

Tumor Necrosis Factor Receptor Superfamily; Member 10C (TNFRSF10C); Human Tumor Necrosis Factor Receptor Superfamily; Member 10C (TNFRSF10C) ELISA Kit; CD263; TNFRSF10-C; DCR1; LIT; TRAILR3; TRID; Decoy Receptor 1; Tnf-Related Apoptosis-Inducing Ligand Receptor 3; Trail Receptor Without An Intracellular Domain; TNFRSF10C elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of TNFaIP3. No significant cross-reactivity or interference between TNFaIP3 and analogues was observed.
Sequence Length	259
Assay Type	Double-antibody Sandwich
Samples	Tissue homogenates, Cell lysates and other biological fluids
Detection Range	78-5,000pg/mL
Sensitivity	30pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level TNFaIP3 were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level TNFaIP3 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. 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 TNFRSF10C elisa kit	<p>Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of TNFaIP3 in human serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids.</p> <p>Principle of the Assay: The microplate provided in this kit has been pre-coated with an antibody specific to TNFaIP3. Standards or samples are then added to the appropriate microplate wells with a biotin-conjugated antibody specific to TNFaIP3. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain TNFaIP3, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of TNFaIP3 in the samples is then determined by comparing the O.D. of the samples to the standard curve.</p>
Product Categories/Family for TNFRSF10C elisa kit	CD & Adhesion molecule; Apoptosis

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.