

Human DCR2/TNFRSF10D ELISA Kit | DCR2/TNFRSF10D elisa kit

Human DCR2/TNFRSF10D PicoKine ELISA Kit

CATALOG #
AAA125274

REACTIVITY
Human

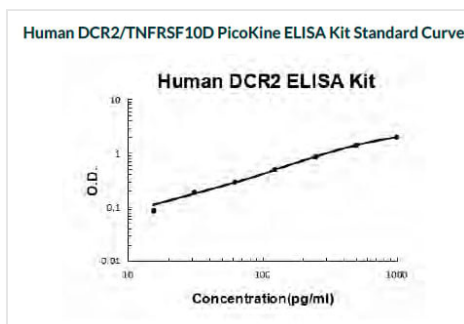
PRODUCT SYNONYMS

DCR2/TNFRSF10D; Human DCR2/TNFRSF10D PicoKine ELISA Kit; Human DCR2/TNFRSF10D; TNF receptor superfamily member 10d; Tumor necrosis factor receptor superfamily member 10D; Decoy receptor 2; DcR2; TNF-related apoptosis-inducing ligand receptor 4; TRAIL receptor 4; TRAIL-R4; TRAIL receptor with a truncated death domain; CD264; TNFRSF10D; DCR2; TRAILR4; TRUNDD; UNQ251; PRO288; DCR2/TNFRSF10D elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Natural and recombinant Human TNFRSF10D
Sequence Length	386
Samples	Cell culture supernatants, serum and plasma (heparin, EDTA, citrate)
Detection Range	15.6 pg/ml - 1,000 pg/ml
Sensitivity	<10 pg/m
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 across 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. Store at -20 degree C for 12 months. Avoid multiple freeze-thaw cycles.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for DCR2/TNFRSF10D elisa kit	Background: Decoy receptor 2 (DCR2), also known as TRAIL receptor 4 (TRAILR4) and tumor necrosis factor receptor superfamily member 10D (TNFRSF10D), is a human cell surface receptor of the TNF-receptor superfamily. It is mapped to 8p21.3. The protein encoded by this gene is a member of the TNFreceptor superfamily. This receptor contains an extracellular TRAIL-binding domain, a transmembrane domain, and a truncated cytoplasmic death domain. This receptor does not induce apoptosis, and has been shown to play an inhibitory role in TRAIL-induced cell apoptosis. Principle of the Assay: The Picokine™ Human TNFRSF10D Pre-Coated ELISA (Enzyme-Linked Immunosorbent Assay) kit is a solid-phase immunoassay specially designed to measure Human TNFRSF10D with a 96-well strip plate that is pre-coated with antibody specific for TNFRSF10D. The detection antibody is a biotinylated antibody specific for TNFRSF10D. The capture antibody is a monoclonal antibody from mouse and the detection antibody is a biotinylated polyclonal antibody from goat. The kit includes Human TNFRSF10D protein as standards. To measure Human TNFRSF10D, add standards and samples to the wells, then add the biotinylated detection antibody. Wash the wells with PBS or TBS buffer, and add Avidin-Biotin-Peroxidase Complex (ABC-HRP). Wash away the unbounded ABC-HRP with PBS or TBS buffer and add TMB. TMB is an HRP substrate and will be catalyzed to produce a blue color product, which changes into yellow after adding the acidic stop solution. The absorbance of the yellow product at 450nm is linearly proportional to Human TNFRSF10D in the sample. Read the absorbance of the yellow product in each well using a plate reader, and benchmark the sample wells' readings against the standard curve to determine the concentration of Human TNFRSF10D in the sample.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	22547108
NCBI GeneID	8793
NCBI Accession #	NP_003831.2
NCBI GenBank Nucleotide #	NP_003831.2
UniProt Accession #	Q9UBN6
NCBI Official Full Name	tumor necrosis factor receptor superfamily member 10D
NCBI Official Synonym Full Names	TNF receptor superfamily member 10d
NCBI Official Symbol	TNFRSF10D
NCBI Official Synonym Symbols	DCR2; CD264; TRUNDD; TRAILR4; TRAIL-R4
NCBI Protein Information	tumor necrosis factor receptor superfamily member 10D
UniProt Protein Name	Tumor necrosis factor receptor superfamily member 10D
UniProt Gene Name	TNFRSF10D
UniProt Synonym Gene Names	DCR2; TRAILR4; TRUNDD; DcR2; TRAIL receptor 4; TRAIL-R4
UniProt Entry Name	TR10D_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.