

Rat Tumor Necrosis Factor Receptor Superfamily, Member 5 (TNFRSF5) ELISA Kit | TNFRSF5 elisa kit

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CATALOG # AAA67393	REACTIVITY Rat
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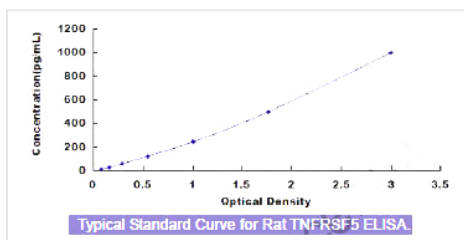
PRODUCT SYNONYMS

Tumor Necrosis Factor Receptor Superfamily; Member 5 (TNFRSF5); Rat Tumor Necrosis Factor Receptor Superfamily; Member 5 (TNFRSF5) ELISA Kit; CD40; CDW40; Bp50; P50; B-cell surface antigen CD40; CD40L receptor; TNFRSF5 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of TNFRSF5. No significant cross-reactivity or interference between TNFRSF5 and analogues was observed.
Sequence Length	289
Samples	Serum, plasma and other biological fluids.
Assay Type	Sandwich
Detection Range	15.625-1000pg/mL
Sensitivity	5.2pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level TNFRSF5 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 TNFRSF5 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TNFRSF5 elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of TNFRSF5 in rat serum, plasma other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to TNFRSF5. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to TNFRSF5. 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 TNFRSF5, 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 TNFRSF5 in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	68534951
NCBI GeneID	171369
NCBI Accession #	NP_599187.1
NCBI GenBank Nucleotide #	NM_134360.1
UniProt Accession #	Q4QQW2
Molecular Weight	31,801 Da
NCBI Official Full Name	tumor necrosis factor receptor superfamily member 5
NCBI Official Synonym Full Names	CD40 molecule
NCBI Official Symbol	Cd40
NCBI Official Synonym Symbols	Tnfrsf5
NCBI Protein Information	tumor necrosis factor receptor superfamily member 5
UniProt Protein Name	CD40 molecule, TNF receptor superfamily member 5
UniProt Gene Name	Cd40

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/rat-elisa-kits/tumor-necrosis-factor-receptor-superfamily-member-5-tnfrsf5/67393>