

Human Tumor Necrosis Factor Receptor 1 (TNFR1) ELISA Kit | TNFR1 elisa kit

Human Tumor Necrosis Factor Receptor 1 (TNFR1)(Sandwich ELISA) ELISA Kit

CATALOG # AAA150885	REACTIVITY Human	APPLICATIONS ELISA
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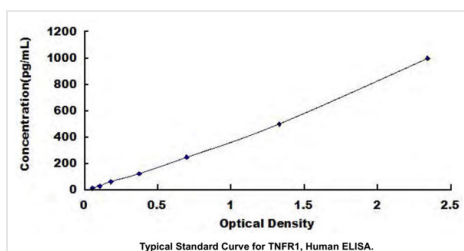
PRODUCT SYNONYMS

Tumor Necrosis Factor Receptor 1 (TNFR1); Human Tumor Necrosis Factor Receptor 1 (TNFR1)(Sandwich ELISA) ELISA Kit; Mini Samples ELISA Kit for Tumor Necrosis Factor Receptor 1 (TNFR1); TNFR1/Tumor Necrosis Factor Receptor 1; CD120A; P55; TNFRSF1A; TBP1; FPF; TNF-R; TNF-R-I; TNF-R55; TNFAR; TNFR55; TNFR60; P55-R; P60; Tumor necrosis factor receptor 1; Tumor necrosis factor-binding protein 1; TNFR1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of TNFR1. No significant cross-reactivity or interference between TNFR1 and analogues was observed.
Assay Type	Quantitative Sandwich
Samples	Human serum, plasma, urine, cell lysates and other biological fluids
Detection Range	15.6-1,000pg/mL
Sensitivity	< 5.6pg/mL
Applicable Applications for TNFR1 elisa kit	ELISA
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level TNFR1 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 TNFR1 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	Store at 4 degree C for 1 month; -20 degree C for long-term (within shelf life) 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 TNFR1 elisa kit	Principle of the Assay: The microplate provided in this kit has been pre-coated with an antibody specific to TNFR1. Standards or samples are then added to the appropriate microplate wells with a biotin-conjugated antibody specific to TNFR1. 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 TNFR1, 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 TNFR1 in the samples is then determined by comparing the O.D. of the samples to the standard curve. Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of TNFR1 in human serum, plasma, urine, cell lysates and other biological fluids.
Product Categories/Family for TNFR1 elisa kit	Tumor immunity; Endocrinology

NCBI AND UNIPROT INFORMATION

NCBI GI #	4507575
NCBI GeneID	7132
NCBI Accession #	NP_001056.1
NCBI GenBank Nucleotide #	NM_001065.3
UniProt Accession #	P19438; Q9UCA4; A8K4X3; B2RDE4; B3KPQ1; B4DQB7; B4E309; D3DUR1
Molecular Weight	50,495 Da
NCBI Official Full Name	tumor necrosis factor receptor superfamily member 1A
NCBI Official Synonym Full Names	tumor necrosis factor receptor superfamily, member 1A
NCBI Official Symbol	TNFRSF1A
NCBI Official Synonym Symbols	FPF; MS5; p55; p60; TBP1; TNF-R; TNFAR; TNFR1; p55-R; CD120a; TNFR55; TNFR60; TNF-R-I; TNF-R55; TNFR1-d2
NCBI Protein Information	tumor necrosis factor receptor superfamily member 1A; TNF-R1; TNF-RI; TNFR-I; tumor necrosis factor-alpha receptor; tumor necrosis factor receptor type 1; tumor necrosis factor binding protein 1; tumor necrosis factor receptor 1A isoform beta
UniProt Protein Name	Tumor necrosis factor receptor superfamily member 1A
UniProt Gene Name	TNFRSF1A
UniProt Synonym Gene Names	TNFAR; TNFR1; TNF-R1; TNF-RI; TNFR-I; TBPI
UniProt Entry Name	TNR1A_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.

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Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/tumor-necrosis-factor-receptor-1-tnfr1/150885>