

Human TNF Receptor Associated Factor 6 (TRAF6) ELISA Kit | TRAF6 elisa kit

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CATALOG #
AAA187150

REACTIVITY
Human

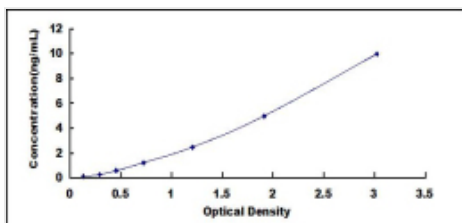
PRODUCT SYNONYMS

TNF Receptor Associated Factor 6 (TRAF6); Human TNF Receptor Associated Factor 6 (TRAF6) ELISA Kit; RNF85; E3 ubiquitin-protein ligase TRAF6; Interleukin-1 signal transducer; TRAF6 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of TNF Receptor Associated Factor 6 (TRAF6). No significant cross-reactivity or interference between TNF Receptor Associated Factor 6 (TRAF6) and analogues was observed.
Sequence Length	522
Assay Type	Double-antibody Sandwich
Samples	Tissue Homogenates, Cell Lysates and Other Biological Fluids
Detection Range	0.156-10ng/mL
Sensitivity	< 0.053ng/mL
Application	Enzyme-linked immunosorbent assay for Antigen Detection.
Intra-assay Precision (Precision within an assay)	3 samples with low, middle and high level TNF Receptor Associated Factor 6 (TRAF6) were tested 20 times on one plate, respectively.
Inter-assay Precision (Precision between assays)	3 samples with low, middle and high level TNF Receptor Associated Factor 6 (TRAF6) were tested on 3 different plates, 8 replicates in each plate.
CV(%) =	SD/meanX100
Intra-Assay	CV<10%
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 TRAF6 elisa kit	The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to TNF Receptor Associated Factor 6 (TRAF6). Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody specific to TNF Receptor Associated Factor 6 (TRAF6). 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 TNF Receptor Associated Factor 6 (TRAF6), 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 TNF Receptor Associated Factor 6 (TRAF6) 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 #	22027630
NCBI GeneID	7189
NCBI Accession #	NP_665802.1
NCBI GenBank Nucleotide #	NM_145803.2
UniProt Accession #	Q9Y4K3; Q8NEH5; A6NKI7; A8KAB3; D3DR16
Molecular Weight	59,573 Da
NCBI Official Full Name	TNF receptor-associated factor 6
NCBI Official Synonym Full Names	TNF receptor associated factor 6
NCBI Official Symbol	TRAF6
NCBI Official Synonym Symbols	RNF85; MGC:3310
NCBI Protein Information	TNF receptor-associated factor 6
UniProt Protein Name	TNF receptor-associated factor 6
UniProt Gene Name	TRAF6
UniProt Synonym Gene Names	RNF85

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/tnf-receptor-associated-factor-6-traf6/187150>