

Human Tumor Necrosis Factor Soluble Receptor II (TNFsR-II) ELISA Kit | TNFsR-II elisa kit

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CATALOG #
AAA330436

REACTIVITY
Human

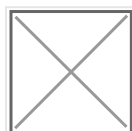
PRODUCT SYNONYMS

Tumor Necrosis Factor Soluble Receptor II (TNFsR-II); Human Tumor Necrosis Factor Soluble Receptor II (TNFsR-II) ELISA Kit; TNFRSF1A; CD120a; FPF; MGC19588; TBP1; TNF-R; TNF-R-I; TNF-R55; TNFAR; TNFR1; TNFR55; TNFR60; p55; p55-R; p60; tumor necrosis factor binding protein 1; tumor necrosis factor receptor 1; tumor necrosis factor re; TNFsR-II elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Tumor necrosis factor soluble receptor II (TNFsR-II) ELISA Kit has high sensitivity and excellent specificity for detection of Human TNFRSF1A. No significant cross-reactivity or interference between Human TNFRSF1A and analogues was observed.
Sequence Length	455
Assay Type	Sandwich ELISA (Quantitative)
Samples	Cell Culture Supernatants, Serum, Plasma, Other Biological Fluids
Detection Method	Colorimetric
Usage Notes	* Do not mix components from different kit lots or use reagents beyond the kit expiration date. * Allow all reagents to warm to room temperature for at least 30 minutes before opening. * Pre-rinse the pipet tip with reagent, use fresh pipet tips for each sample, standard and reagent to avoid contamination. * Unused wells must be kept desiccated at 4 degree C in the sealed bag provided. * Mix Thoroughly is very important for the result. It is recommended using low frequency oscillator or slight hand shaking every 10 minutes. * It is recommended that all samples and standards be assayed in duplicate or triplicate.
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

Fig.1. Human Tumor necrosis factor soluble receptor II (TNFsR-II) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for TNFsR-II elisa kit	Description: This Human Tumor necrosis factor soluble receptor II (TNFsR-II) ELISA Kit employs a two-site sandwich ELISA to quantitate TNFRSF1A in samples. An antibody specific for TNFRSF1A has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any TNFRSF1A present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for TNFRSF1A is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of TNFRSF1A bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: TNFsR-II encodes a member of the TNF receptor superfamily of proteins. Tumor necrosis factor soluble receptor II is found in membrane-bound and soluble forms that interact with membrane-bound and soluble forms, respectively, of its ligand, tumor necrosis factor alpha. Binding of membrane-bound tumor necrosis factor alpha to the membrane-bound receptor induces receptor trimerization and activation, which plays a role in cell survival, apoptosis, and inflammation. Proteolytic processing of the encoded receptor results in release of the soluble form of the receptor, which can interact with free tumor necrosis factor alpha to inhibit inflammation. Mutations in this gene underlie tumor necrosis factor receptor-associated periodic syndrome (TRAPS), characterized by fever, abdominal pain and other features. Mutations in this gene may also be associated with multiple sclerosis in human patients.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4507575
NCBI GeneID	7132
NCBI Accession #	NP_001056.1
NCBI GenBank Nucleotide #	NP_001056.1
UniProt Accession #	P19438
NCBI Official Full Name	tumor necrosis factor receptor superfamily member 1A isoform 1
NCBI Official Synonym Full Names	TNF receptor superfamily member 1A
NCBI Official Symbol	TNFRSF1A
NCBI Official Synonym Symbols	FPF; p55; p60; TBP1; TNF-R; TNFAR; TNFR1; p55-R; CD120a; TNFR55; TNFR60; TNF-R-I; TNF-R55
NCBI Protein Information	tumor necrosis factor receptor superfamily member 1A
UniProt Protein Name	Tumor necrosis factor receptor superfamily member 1A
UniProt Gene Name	TNFRSF1A
UniProt Synonym Gene Names	TNFAR; TNFR1; TNF-R1; TNF-R-I; 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.