

Human Soluble Tumor Necrosis Factor Receptor 2 (sTNF-R2) ELISA Kit | sTNF-R2 elisa kit

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CATALOG #
AAA330435

REACTIVITY
Human

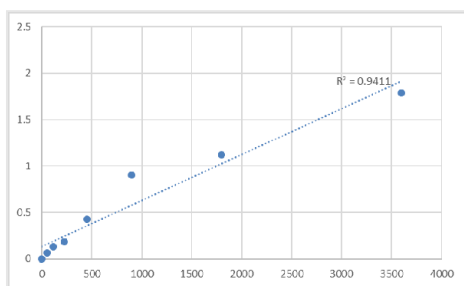
PRODUCT SYNONYMS

Soluble Tumor Necrosis Factor Receptor 2 (sTNF-R2); Human Soluble Tumor Necrosis Factor Receptor 2 (sTNF-R2) ELISA Kit; TNFRSF1B; CD120b; TBP2; TNF-R-II; TNF-R75; TNFR; TNFR1B; TNFR2; TNFR80; p75; p75TNFR; p75 TNF receptor; soluble TNFR1B variant 1; tumor necrosis factor beta receptor; tumor necrosis factor binding protein 2; tu; sTNF-R2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Soluble tumor necrosis factor receptor 2 (sTNF-R2) ELISA Kit has high sensitivity and excellent specificity for detection of Human TNFRSF1B. No significant cross-reactivity or interference between Human TNFRSF1B and analogues was observed.
Sequence Length	461
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 Soluble tumor necrosis factor receptor 2 (sTNF-R2) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for sTNF-R2 elisa kit	Description: This Human Soluble tumor necrosis factor receptor 2 (sTNF-R2) ELISA Kit employs a two-site sandwich ELISA to quantitate TNFRSF1B in samples. An antibody specific for TNFRSF1B has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any TNFRSF1B present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for TNFRSF1B 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 TNFRSF1B bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: Soluble tumor necrosis factor receptor 2 (sTNF-R2) is a member of the TNF-receptor superfamily. sTNF-R2 and TNF-receptor 1 form a heterocomplex that mediates the recruitment of two anti-apoptotic proteins, c-IAP1 and c-IAP2, which possess E3 ubiquitin ligase activity. The function of IAPs in TNF-receptor signalling is unknown, however, c-IAP1 is thought to potentiate TNF-induced apoptosis by the ubiquitination and degradation of TNF-receptor-associated factor 2, which mediates anti-apoptotic signals. Knockout studies in mice also suggest a role of this protein in protecting neurons from apoptosis by stimulating antioxidative pathways.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4507577
NCBI GeneID	7133
NCBI Accession #	NP_001057.1
NCBI GenBank Nucleotide #	NP_001057.1
UniProt Accession #	P20333
NCBI Official Full Name	tumor necrosis factor receptor superfamily member 1B
NCBI Official Synonym Full Names	TNF receptor superfamily member 1B
NCBI Official Symbol	TNFRSF1B
NCBI Official Synonym Symbols	p75; TBP1I; TNFBR; TNFR2; CD120b; TNFR1B; TNFR80; TNF-R75; p75TNFR; TNF-R-II
NCBI Protein Information	tumor necrosis factor receptor superfamily member 1B
UniProt Protein Name	Tumor necrosis factor receptor superfamily member 1B
UniProt Gene Name	TNFRSF1B
UniProt Synonym Gene Names	TNFBR; TNFR2; TNF-R2; TNF-R1I; TNFR-II
UniProt Entry Name	TNR1B_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.