

Rabbit Total tumor necrosis factor ELISA Kit | TNF elisa kit

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CATALOG #
AAA87620

REACTIVITY
Rabbit

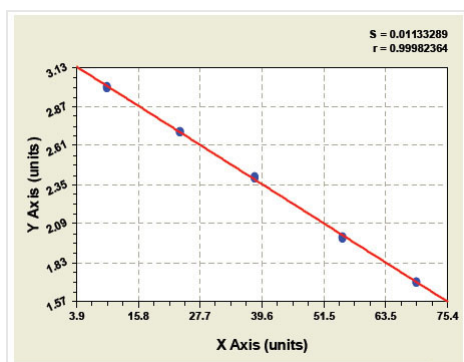
PRODUCT SYNONYMS

Total tumor necrosis factor; Rabbit Total tumor necrosis factor ELISA Kit; TNF elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rabbit
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	1.0 pg/mL.
Intended Uses	This TNF ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rabbit TNF. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TNF elisa kit

Principle of the Assay: TNF ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-TNF antibody and an TNF-HRP conjugate. The assay sample and buffer are incubated together with TNF-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the TNF concentration since TNF from samples and TNF-HRP conjugate compete for the anti-TNF antibody binding site. Since the number of sites is limited, as more sites are occupied by TNF from the sample, fewer sites are left to bind TNF-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The TNF concentration in each sample is interpolated from this standard curve.

Product Categories/Family for TNF elisa kit

Cancer

NCBI AND UNIPROT INFORMATION

NCBI GI #	25952111
NCBI GeneID	7124
NCBI Accession #	NP_000585.2
NCBI GenBank Nucleotide #	NM_000594.3
Molecular Weight	25,644 Da
NCBI Official Full Name	tumor necrosis factor
NCBI Official Synonym Full Names	tumor necrosis factor
NCBI Official Symbol	TNF
NCBI Official Synonym Symbols	DIF; TNFA; TNFSF2; TNF-alpha
NCBI Protein Information	tumor necrosis factor; TNF-a; cachectin; APC1 protein; TNF, monocyte-derived; TNF, macrophage-derived; tumor necrosis factor-alpha; tumor necrosis factor ligand superfamily member 2
UniProt Protein Name	Tumor necrosis factor
UniProt Gene Name	TNF
UniProt Synonym Gene Names	TNFA; TNFSF2; TNF-a; NTF; ICD1; ICD2
UniProt Entry Name	TNFA_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/tnf-rabbit-elisa-kits/total-tumor-necrosis-factor/87620>