

Human sTNFR1 ELISA Kit | sTNFR1 elisa kit

sTNFR1 Human ELISA Kit

CATALOG # AAA13496	REACTIVITY Human	APPLICATIONS ELISA
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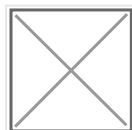
PRODUCT SYNONYMS

sTNFR1; sTNFR1 Human ELISA Kit; Human sTNFR1; sTNFR1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Assay Type	Sandwich
Samples	Human serum, plasma, body fluids, tissue lysates or cell culture supernatants
Detection Range	7.8 pg/ml-500 pg/ml
Sensitivity	< 1 pg/ml
Applicable Applications for sTNFR1 elisa kit	ELISA
Application Notes	For quantitative detection of TNFR1 in human serum, plasma, body fluids, tissue lysates or cell culture supernatants.
Preparation and Storage	Store at 2-8 degree C for 4 months, or at -20 degree C for 8 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for sTNFR1 elisa kit

Background: Tumor necrosis factor receptor 1 (TNFR1), also known as tumor necrosis factor receptor superfamily member 1A (TNFRSF1A) and CD120a, is a ubiquitous membrane receptor that binds tumor necrosis factor-alpha (TNF?). Tumor necrosis factor receptor superfamily member 1A is a protein that in humans is encoded by the TNFRSF1A gene, which chromosome 12p13.2. It is a member of the Tumor necrosis factor receptor superfamily, which also contains TNFRSF1B. Chan et al. (2000) found that, in contrast, the p60 and p80 TNFA receptors self-assemble through a distinct functional domain in the TNFR extracellular domain, termed the pre-ligand assembly domain (PLAD), in the absence of ligand.

Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-sTNFR I polyclonal antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-sTNFR I polyclonal antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. Avidin-Biotin-Peroxidase Complex was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the sTNFR I amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of sTNFR I can be calculated.

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/stnfr1/13496>