

Tumor necrosis factor alpha ELISA Kit | tnfa elisa kit

Human Tumor necrosis factor alpha (TNF/TNFA/TNFSF2) ELISA Kit

CATALOG #
AAA55335

PRODUCT SYNONYMS

Tumor necrosis factor alpha; Human Tumor necrosis factor alpha (TNF/TNFA/TNFSF2) ELISA Kit; tnfa elisa kit

PRODUCT SPECIFICATIONS

Specificity	This assay has high sensitivity and excellent specificity for detection of Human TIAM1. No significant cross-reactivity or interference between Human TIAM1 and analogues was observed.
Sequence Length	312
Samples	Serum, Plasma And Other Biological Fluids
Assay Type	Quantitative Sandwich
Detection Range	0.31 ng/mL-20 ng/mL
Sensitivity	0.156 ng/mL (mean of 6 independent assays).
Intra-assay Precision	Intra-assay Precision (Precision within an assay) Three samples of known concentration were tested twenty times on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-assay Precision (Precision between assays) Three samples of known concentration were tested in forty separate assays to assess inter-assay precision. CV (%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	Store at 2-8 degree C.

ADDITIONAL INFORMATION

Related Product Information for tnfa elisa kit	Intended Uses: For the quantitative detection of Human T-lymphoma invasion and metastasis-inducing protein 1 (TIAM1) concentration in serum, plasma and other biological fluids. Principle of the Assay: This assay employs a two-site sandwich ELISA to quantitate TIAM1 in Human serum, plasma. An antibody specific for TIAM1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any TIAM1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for TIAM1 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 TIAM1 bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	189409065
NCBI GeneID	100169660
NCBI Accession #	NP_001121579.1
NCBI GenBank Nucleotide #	NM_001128107.1
NCBI Official Full Name	tumor necrosis factor alpha
NCBI Official Symbol	tnfa

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://www.aaabiotech.com/elisa-kits/tumor-necrosis-factor-alpha/55335>