

Monkey Tumor necrosis factor alpha (TNF-alpha) ELISA Kit | TNF-alpha elisa kit

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CATALOG # AAA56036	REACTIVITY Monkey
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PRODUCT SYNONYMS

Tumor necrosis factor alpha (TNF-alpha); Monkey Tumor necrosis factor alpha (TNF-alpha) ELISA Kit; TNF-alpha elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Monkey
Specificity	This assay has high sensitivity and excellent specificity for detection of Human PSG3. No significant cross-reactivity or interference between Human PSG3 and analogues was observed.
Sequence Length	233
Samples	Serum, Plasma And Other Biological Fluids
Assay Type	Quantitative Sandwich
Detection Range	0.31 ng/mL-20 ng/mL
Sensitivity	0.1 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%

ADDITIONAL INFORMATION

Related Product Information for TNF-alpha elisa kit	Intended Uses: For the quantitative detection of HumanPregnancy-specific beta-1-glycoprotein 3 (PSG3) concentration in serum, plasma and other biological fluids. Principle of the Assay: This assay employs a two-site sandwich ELISA to quantitate PSG3 in Human serum, plasma. An antibody specific for PSG3 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any PSG3 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for PSG3 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 PSG3 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 #	114051684
NCBI GeneID	715467
NCBI Accession #	NP_001040614.1
NCBI GenBank Nucleotide #	NM_001047149.1
UniProt Accession #	P48094; Q5TM21; Q8HZD6
Molecular Weight	25,630 Da

NCBI Official Full Name	tumor necrosis factor
NCBI Official Symbol	TNF
NCBI Official Synonym Symbols	TNLTG1F; TNF-ALPHA
NCBI Protein Information	tumor necrosis factor
UniProt Protein Name	Tumor necrosis factor
UniProt Gene Name	TNF
UniProt Synonym Gene Names	TNFA; TNFSF2; TNF-a; NTF; ICD1; ICD2

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/monkey-elisa-kits/tumor-necrosis-factor-alpha-tnf-alpha/56036>