

Porcine tumor necrosis factor alpha, TNF-alpha ELISA Kit | TNF-alpha elisa kit

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CATALOG #
AAA41697

REACTIVITY
Porcine

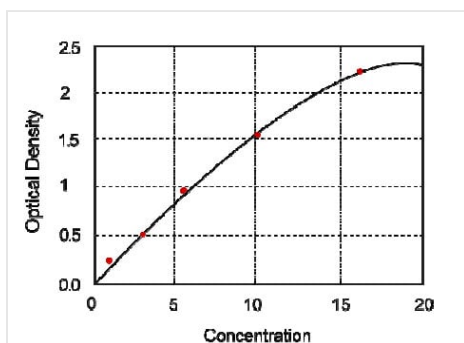
PRODUCT SYNONYMS

tumor necrosis factor alpha; TNF-alpha; Porcine tumor necrosis factor alpha; TNF-alpha ELISA Kit; TNF-alpha elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Porcine
Sequence Length	233
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Detection Range	10ng/L - 4000ng/L
Sensitivity	5.06ng/L
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested 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 separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. Inter-Assay: CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TNF-alpha elisa kit	Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Porcine TNF-A antibody. TNF-A present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Porcine TNF-A Antibody is added and binds to TNF-A in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated TNF-A antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Porcine TNF-A. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm. Intended Uses: This sandwich kit is for the accurate quantitative detection of Porcine Tumor Necrosis Factor Alpha (also known as TNF-A) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	37210
NCBI GeneID	7124
UniProt Accession #	P01375; O43647; Q9P1Q2; Q9UIV3
Molecular Weight	25,644 Da
NCBI Official Full Name	TNF-alpha
NCBI Official Synonym Full Names	tumor necrosis factor
NCBI Official Symbol	TNF
NCBI Official Synonym Symbols	DIF; TNFA; TNFSF2; TNLG1F; 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://stage.aaabiotech.com/porcine-elisa-kits/tumor-necrosis-factor-alpha-tnf-alpha/41697>