

Pig Tumor necrosis factor (TNF/TNFA/TNFSF2) ELISA Kit | TNF elisa kit

Pig Tumor necrosis factor, TNF/TNFA/TNFSF2 ELISA Kit

CATALOG #
AAA15812

REACTIVITY
Pig

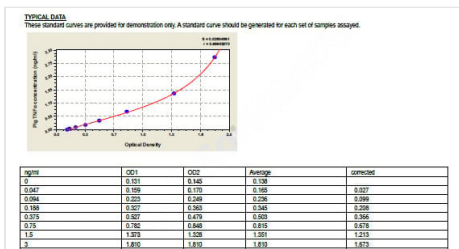
PRODUCT SYNONYMS

Tumor necrosis factor (TNF/TNFA/TNFSF2); Pig Tumor necrosis factor; TNF/TNFA/TNFSF2 ELISA Kit; Pig Tumor necrosis factor (TNF/TNFA/TNFSF2) ELISA kit; DADB-70P7.1; DIF; TNF-alpha; TNFA; TNFSF2; APC1 protein; TNF superfamily; member 2; TNF; macrophage-derived; monocyte-derived; cachectin; tumor necrosis factor alpha; Pig Tumor necrosis factor (TNF/TNFA/TNFSF2); TNF elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Pig
Specificity	This assay has high sensitivity and excellent specificity for detection of pig TNFA. No significant cross-reactivity or interference between pig TNFA and analogues was observed.
Sequence Length	232
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, cell culture supernates, tissue homogenates
Detection Range	0.047 ng/ml-3 ng/ml
Sensitivity	< 0.040 ng/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TNF elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for TNFA has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any TNFA present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for TNFA is added to the wells. After washing, avidin 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 TNFA bound in the initial step. The color development is stopped and the intensity of the color is measured.
---	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	47522866
NCBI GeneID	397086
NCBI Accession #	NP_999187.1
NCBI GenBank Nucleotide #	NM_214022.1
UniProt Accession #	P23563; A5D9N8
Molecular Weight	25,254 Da
NCBI Official Full Name	tumor necrosis factor
NCBI Official Symbol	TNF
NCBI Official Synonym Symbols	TNFA
NCBI Protein Information	tumor necrosis factor; TNF-a; TNF-alpha; cachectin; tumor-necrosis factor; tumor necrosis factor alpha; tumor necrosis factor (TNF superfamily, member 2); 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_PIG

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.