

Dog Tumor necrosis factor ELISA Kit | TNF elisa kit

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CATALOG #
AAA309945

REACTIVITY
Dog

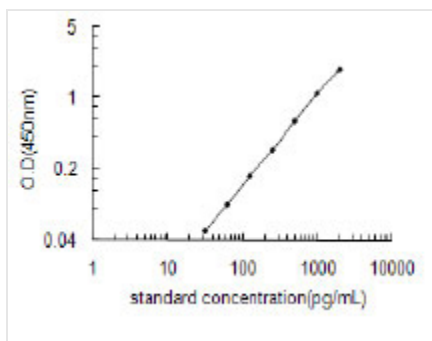
PRODUCT SYNONYMS

Tumor necrosis factor; Dog Tumor necrosis factor ELISA Kit; Canis lupus familiaris; Cachectin; TNF-alpha; Tumor necrosis factor ligand superfamily member 2; TNF- α ; TNF; TNFA; TNFSF2; TNF elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Dog
Specificity	This assay recognizes recombinant and natural bovine Superoxide dismutase [Cu-Zn]. No significant cross-reactivity or interference was observed.
Samples	Serum, Plasma, Tissue Homogenates And Cell Culture Supernates And Other Biological Fluids
Detection Range	0.31 ng/mL-20.0 ng/mL.
Preparation and Storage	Store at 4 degree C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TNF elisa kit

Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of bovine Superoxide dismutase [Cu-Zn] concentrations in serum, Plasma, tissue homogenates and Cell culture supernates and Other biological fluids.

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to Superoxide dismutase [Cu-Zn]. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for Superoxide dismutase [Cu-Zn] and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain Superoxide dismutase [Cu-Zn], biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm $\pm$ 2 nm. The concentration of Superoxide dismutase [Cu-Zn] in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	116812910
NCBI GeneID	403922
NCBI Accession #	NP_001003244.4
NCBI GenBank Nucleotide #	NM_001003244.4
UniProt Accession #	P51742; Q006K5; Q28339
Molecular Weight	25,447 Da
NCBI Official Full Name	tumor necrosis factor
NCBI Official Symbol	TNF
NCBI Official Synonym Symbols	TNFA; cTNF
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/tnf-dog-elisa-kits/tumor-necrosis-factor/309945>