

Sheep tumor necrosis factor (TNF superfamily, member 2) ELISA Kit | TNF elisa kit

Sheep Tumor Necrosis Factor alpha, TNF-alpha ELISA Kit

CATALOG #
AAA15213

REACTIVITY
Sheep

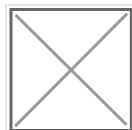
PRODUCT SYNONYMS

tumor necrosis factor (TNF superfamily; member 2); Sheep Tumor Necrosis Factor alpha; TNF-alpha 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; TNF elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Sheep
Specificity	This assay has high sensitivity and excellent specificity for detection of sheep TNF-alpha. No significant cross-reactivity or interference between sheep TNF-alpha and analogues was observed.
Sequence Length	234
Assay Type	Competitive
Samples	Serum, plasma, tissue homogenates
Detection Range	3.12 pg/ml-50 pg/ml
Sensitivity	< 3.12 pg/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<15%. Three positive samples were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<15%. Three positive samples 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 competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with an antibody specific to TNF-alpha. Standards or samples are added to the appropriate microtiter plate wells with Biotin-conjugated TNF-alpha. A competitive inhibition reaction is launched between TNF-alpha (Standards or samples) and Biotin-conjugated TNF-alpha with the pre-coated antibody specific for TNF-alpha. The more amount of TNF-alpha in samples, the less antibody bound by Biotin-conjugated TNF-alpha. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Substrate solution is added to the wells and the color develops in opposite to the amount of TNF-alpha in the sample. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI #	67845989
NCBI GeneID	443540
NCBI Accession #	NP_001020031.1
NCBI GenBank Nucleotide #	NM_001024860.1
UniProt Accession #	P23383
Molecular Weight	25,536 Da
NCBI Official Full Name	tumor necrosis factor
NCBI Official Symbol	TNF
NCBI Official Synonym Symbols	TNF-alpha
NCBI Protein Information	tumor necrosis factor; TNF-a; cachectin; 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_SHEEP

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/sheep-elisa-kits/tumor-necrosis-factor-tnf-superfamily-member-2/15213>