Bovine Tumor Necrosis Factor-Inducible Gene 6 Protein ELISA Kit | TSG-6 elisa kit

Bovine Tumor Necrosis Factor-Inducible Gene 6 Protein ELISA Kit

CATALOG #	REACTIVITY
AAA247534	**Bovine**

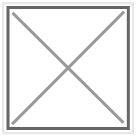
PRODUCT SYNONYMS

Tumor Necrosis Factor-Inducible Gene 6 Protein; Bovine Tumor Necrosis Factor-Inducible Gene 6 Protein ELISA Kit; TSG-6 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Bovine
Specificity	This assay has high sensitivity and excellent specificity for detection of TNFIP6. No significant cross-reactivity or interference between TNFIP6 and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between TNFIP6 and all the analogues, therefore, cross reaction may still exist in some cases.
Sequence Length	277
Assay Type	Quantitative Competitive
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Sensitivity	0.1 ng/mL
Reactivity Note	No significant cross-reactivity or interference between this antigen and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection, therefore, cross reaction may still exist in some cases.
Preparation and Storage	Store at 2-8 degree C. The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TSG-6 elisa kit	Principle of the Assay: TNFIP6 ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-TNFIP6 antibody and an TNFIP6-HRP conjugate. The assay sample and buffer are incubated together with TNFIP6-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the TNFIP6 concentration since TNFIP6 from samples and TNFIP6-HRP conjugate compete for the anti-TNFIP6 antibody binding site. Since the number of sites is limited, as more sites are occupied by TNFIP6 from the sample, fewer sites are left to bind TNFIP6-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The TNFIP6 concentration in each sample is interpolated from this standard curve. Intended Uses: This TNFIP6 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Bovine TNFIP6. This ELISA kit for research use only, not for therapeutic or test applications!
Product Categories/Family for TSG-6 elisa kit	Signal Transduction; Immunology; Cancer

NCBI AND UNIPROT INFORMATION

NCBI GI #	26051243
NCBI GeneID	7130
NCBI Accession #	NP_009046.2
NCBI GenBank Nucleotide #	NM_007115.4
UniProt Accession #	P98066; Q53TI7; Q8WWI9
Molecular Weight	31,203 Da
NCBI Official Full Name	tumor necrosis factor-inducible gene 6 protein
NCBI Official Synonym Full Names	TNF alpha induced protein 6
NCBI Official Symbol	TNFAIP6
NCBI Official Synonym Symbols	TSG6; TSG-6
NCBI Protein Information	tumor necrosis factor-inducible gene 6 protein
UniProt Protein Name	Tumor necrosis factor-inducible gene 6 protein
UniProt Gene Name	**TNFAIP6**
UniProt Synonym Gene Names	TSG6; TSG-6; TNF alpha-induced protein 6

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/tsg-6-bovine-ovine-elisa-kits/tumor-necrosis-factor-inducible-gene-6-protein/247534