

Human Tumor necrosis factor-inducible gene 6 protein ELISA Kit | TNFAIP6 elisa kit

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CATALOG #
AAA100601

REACTIVITY
Human

PRODUCT SYNONYMS

Tumor necrosis factor-inducible gene 6 protein; Human Tumor necrosis factor-inducible gene 6 protein ELISA Kit; TNFAIP6/TSG-6/Hyaluronate-binding protein/TNF alpha-induced protein 6/TNF-stimulated gene 6 protein/TSG-6tumor necrosis factor alpha-inducible protein 6/Tumor necrosis factor alpha-induced protein 6/tumor necrosis factor-stimulated gene-6 protein; TNFAIP6 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of TNFAIP6. No significant cross-reactivity or interference between TNFAIP6 and analogues was observed.
Sequence Length	277
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.156-10ng/ml
Sensitivity	0.094ng/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level TNFAIP6 were tested 20 times on one plate, respectively. Intra-Assay: CV<8%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level TNFAIP6 were tested on 3 different plates, 8 replicates in each plate. CV (%) = SD/meanX100. Inter-Assay: CV<10%
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TNFAIP6 elisa kit

Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-TNFAIP6 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti- TNFAIP6 antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRPStreptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the TNFAIP6 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of TNFAIP6 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	26051243
NCBI GeneID	7130
NCBI Accession #	NP_009046.2
NCBI GenBank Nucleotide #	NM_007115.3
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
UniProt Entry Name	TSG6_HUMAN

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/tnfaip6-human-elisa-kits/tumor-necrosis-factor-inducible-gene-6-protein/100601>