

Human Tumor Necrosis Factor-Inducible Gene 6 Protein (TNFAIP6) ELISA Kit | TNFAIP6 elisa kit

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CATALOG # AAA330452	REACTIVITY Human
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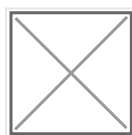
PRODUCT SYNONYMS

Tumor Necrosis Factor-Inducible Gene 6 Protein (TNFAIP6); Human Tumor Necrosis Factor-Inducible Gene 6 Protein (TNFAIP6) ELISA Kit; TNFAIP6; TSG-6; TSG6; hyaluronate-binding protein; tumor necrosis factor alpha-inducible protein 6; tumor necrosis factor-inducible protein 6; tumor necrosis factor-stimulated gene-6 protein; TNFAIP6 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Tumor necrosis factor-inducible gene 6 protein (TNFAIP6) ELISA Kit has high sensitivity and excellent specificity for detection of Human TNFAIP6. No significant cross-reactivity or interference between Human TNFAIP6 and analogues was observed.
Sequence Length	277
Assay Type	Sandwich ELISA (Quantitative)
Samples	Cell Culture Supernatants, Serum, Plasma, Other Biological Fluids
Detection Method	Colorimetric
Usage Notes	* Do not mix components from different kit lots or use reagents beyond the kit expiration date. * Allow all reagents to warm to room temperature for at least 30 minutes before opening. * Pre-rinse the pipet tip with reagent, use fresh pipet tips for each sample, standard and reagent to avoid contamination. * Unused wells must be kept desiccated at 4 degree C in the sealed bag provided. * Mix Thoroughly is very important for the result. It is recommended using low frequency oscillator or slight hand shaking every 10 minutes. * It is recommended that all samples and standards be assayed in duplicate or triplicate.
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

Fig.1. Human Tumor necrosis factor-inducible gene 6 protein (TNFAIP6) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for TNFAIP6 elisa kit	Description: This Human Tumor necrosis factor-inducible gene 6 protein (TNFAIP6) ELISA Kit employs a two-site sandwich ELISA to quantitate TNFAIP6 in samples. An antibody specific for TNFAIP6 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any TNFAIP6 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for TNFAIP6 is added to the wells. After washing, Streptavidin 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 TNFAIP6 bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: TSG-6 is a 30 kDa secreted protein that contains a hyaluronan-binding LINK domain and thus is a member of the hyaluronan-binding protein family, also called hyaladherins. The hyaluronan-binding domain is known to be involved in extracellular matrix stability and cell migration. This protein has been shown to form a stable, covalent complex with inter-alpha-inhibitor (IalphaI), and thus enhance the serine protease inhibitory activity of IalphaI, which is important in the protease network associated with inflammation. The expression of this gene can be induced by a number of signalling molecules, principally tumor necrosis factor alpha (TNF-alpha) and interleukin-1 (IL-1). The expression can also be induced by mechanical stimuli in vascular smooth muscle cells, and is found to be correlated with proteoglycan synthesis and aggregation.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	26051243
NCBI GeneID	7130
NCBI Accession #	NP_009046.2
NCBI GenBank Nucleotide #	NP_009046.2
UniProt Accession #	P98066
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/human-elisa-kits/tumor-necrosis-factor-inducible-gene-6-protein-tnfaip6/330452>