

Human Tumor Necrosis Factor alpha-Induced Protein 2 (TNFAIP2) ELISA Kit | TNFAIP2 elisa kit

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CATALOG #
AAA330454

REACTIVITY
Human

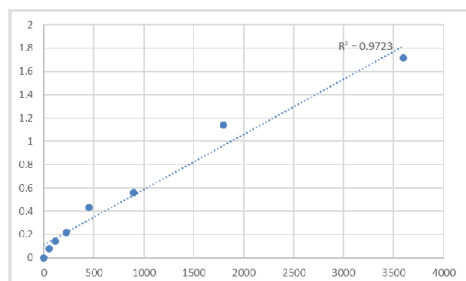
PRODUCT SYNONYMS

Tumor Necrosis Factor alpha-Induced Protein 2 (TNFAIP2); Human Tumor Necrosis Factor alpha-Induced Protein 2 (TNFAIP2) ELISA Kit; TNFAIP2; B94; TNFAIP2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Tumor necrosis factor alpha-induced protein 2 (TNFAIP2) ELISA Kit has high sensitivity and excellent specificity for detection of Human TNFAIP2. No significant cross-reactivity or interference between Human TNFAIP2 and analogues was observed.
Sequence Length	654
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 alpha-induced protein 2 (TNFAIP2) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for TNFAIP2 elisa kit	Description: This Human Tumor necrosis factor alpha-induced protein 2 (TNFAIP2) ELISA Kit employs a two-site sandwich ELISA to quantitate TNFAIP2 in samples. An antibody specific for TNFAIP2 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any TNFAIP2 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for TNFAIP2 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 TNFAIP2 bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: The TNFAIP2 gene was induced in HUVECs in response to the proinflammatory molecules TNF, IL1B, and lipopolysaccharide. TNFAIP2 demonstrated the characteristics of a primary response gene in its rapid and substantial induction in the absence of intermediary protein synthesis. The authors found that TNFAIP2 transcription was induced during capillary tube formation in vitro. Northern blot analysis detected a 4.2-kb human TNFAIP2 transcript. During mouse development, expression of the Tnfaip2 transcript varied in a temporal fashion that was organ-specific. The TNFAIP2 cDNA encodes a predicted 654-amino acid protein with a single N-linked glycosylation site; stretches of glutamates, lysines, and alanines near the N terminus; and 4 glutamines near the C terminus.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	26051240
NCBI GeneID	7127
NCBI Accession #	NP_006282.2
NCBI GenBank Nucleotide #	NP_006282.2
UniProt Accession #	Q03169
NCBI Official Full Name	tumor necrosis factor alpha-induced protein 2
NCBI Official Synonym Full Names	TNF alpha induced protein 2
NCBI Official Symbol	TNFAIP2
NCBI Official Synonym Symbols	B94; EXOC3L3
NCBI Protein Information	tumor necrosis factor alpha-induced protein 2
UniProt Protein Name	Tumor necrosis factor alpha-induced protein 2
UniProt Gene Name	TNFAIP2
UniProt Synonym Gene Names	TNF alpha-induced protein 2
UniProt Entry Name	TNAP2_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/human-elisa-kits/tumor-necrosis-factor-alpha-induced-protein-2-tnfaip2/330454>