

Human Tumor Necrosis Factor alpha-Induced Protein 8-Like Protein 2 ELISA Kit | TIPE2 elisa kit

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CATALOG #
AAA247276

REACTIVITY
Human

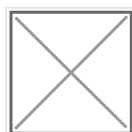
PRODUCT SYNONYMS

Tumor Necrosis Factor alpha-Induced Protein 8-Like Protein 2; Human Tumor Necrosis Factor alpha-Induced Protein 8-Like Protein 2 ELISA Kit; TIPE2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of TIPE2. No significant cross-reactivity or interference between TIPE2 and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between TIPE2 and all the analogues, therefore, cross reaction may still exist in some cases.
Sequence Length	184
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Quantitative Competitive
Sensitivity	0.1 ng/mL
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 TIPE2 elisa kit

Intended Uses: This TIPE2 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human TIPE2. This ELISA kit for research use only, not for therapeutic or test applications!

Principle of the Assay: TIPE2 ELISA kit applies the competitive enzyme immunoassay technique utilizing an anti-TIPE2 antibody and an TIPE2-HRP conjugate. The assay sample and buffer are incubated together with TIPE2-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 TIPE2 concentration since TIPE2 from samples and TIPE2-HRP conjugate compete for the anti-TIPE2 antibody binding site. Since the number of sites is limited, as more sites are occupied by TIPE2 from the sample, fewer sites are left to bind TIPE2-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The TIPE2 concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	157389001
NCBI GeneID	79626
NCBI Accession #	NP_078851.2
NCBI GenBank Nucleotide #	NM_024575.5
UniProt Accession #	Q6P589; Q6I9Y0; Q9H2H7; Q9H5G2
Molecular Weight	20,556 Da
NCBI Official Full Name	tumor necrosis factor alpha-induced protein 8-like protein 2
NCBI Official Synonym Full Names	TNF alpha induced protein 8 like 2
NCBI Official Symbol	TNFAIP8L2
NCBI Official Synonym Symbols	TIPE2
NCBI Protein Information	tumor necrosis factor alpha-induced protein 8-like protein 2
UniProt Protein Name	Tumor necrosis factor alpha-induced protein 8-like protein 2
UniProt Gene Name	TNFAIP8L2
UniProt Synonym Gene Names	TIPE2; TNF alpha-induced protein 8-like protein 2; TNFAIP8-like protein 2

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/tipe2-human-elisa-kits/tumor-necrosis-factor-alpha-induced-protein-8-like-protein-2/247276>