Mouse Tumor Necrosis Factor Receptor Superfamily, Member 1A ELISA Kit | TNFRSF1A elisa kit

Mouse Tumor Necrosis Factor Receptor Superfamily, Member 1A ELISA Kit

CATALOG #	REACTIVITY
AAA84407	**Mouse**

PRODUCT SYNONYMS

Tumor Necrosis Factor Receptor Superfamily; Member 1A; Mouse Tumor Necrosis Factor Receptor Superfamily; Member 1A ELISA Kit; TNFRSF1A elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of TNFRSF1A. No significant cross-reactivity or interference between TNFRSF1A and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between TNFRSF1A and all the analogues, therefore, cross reaction may still exist in some cases.
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Quantitative Competitive
Sensitivity	0.1 ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TNFRSF1A elisa kit	Intended Uses: This TNFRSF1A ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of MouseTNFRSF1A. This ELISA kit for research use only, not for therapeutic or test applications! Principle of the Assay: TNFRSF1A ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-TNFRSF1A antibody and an TNFRSF1A-HRP conjugate. The assay sample and buffer are incubated together with TNFRSF1A-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 TNFRSF1A concentration since TNFRSF1A from samples and TNFRSF1A-HRP conjugate compete for the anti-TNFRSF1A antibody binding site. Since the number of sites is limited, as more sites are occupied by TNFRSF1A from the sample, fewer sites are left to bind TNFRSF1A-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The TNFRSF1A concentration in each sample is interpolated from this standard curve.
Product Categories/Family for TNFRSF1A elisa kit	Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	4507575
NCBI GeneID	7132
NCBI Accession #	NP_001056.1
NCBI GenBank Nucleotide #	NM_001065.3
Molecular Weight	24,194 Da
NCBI Official Full Name	tumor necrosis factor receptor superfamily member 1A
NCBI Official Synonym Full Names	tumor necrosis factor receptor superfamily, member 1A
NCBI Official Symbol	TNFRSF1A
NCBI Official Synonym Symbols	FPF; MS5; p55; p60; TBP1; TNF-R; TNFAR; TNFR1; p55-R; CD120a; TNFR55; TNFR60; TNF-R-I; TNF-R55; TNFR1-d2
NCBI Protein Information	tumor necrosis factor receptor superfamily member 1A; TNF-R1; TNF-RI; TNFR-I; tumor necrosis factor-alpha receptor; tumor necrosis factor receptor type 1; tumor necrosis factor binding protein 1; tumor necrosis factor receptor 1A isoform beta
UniProt Protein Name	Tumor necrosis factor receptor superfamily member 1A
UniProt Gene Name	**TNFRSF1A**
UniProt Synonym Gene Names	TNFAR; TNFR1; TNF-R1; TNF-RI; TNFR-I; TBPI
UniProt Entry Name	TNR1A_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/tnfrsf1a-mouse-elisa-kits/tumor-necrosis-factor-receptor-superfamily-member-1a/84407