

Mouse CD120a ELISA Kit | TNFRSF1A elisa kit

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CATALOG #
AAA263146

REACTIVITY
Mouse

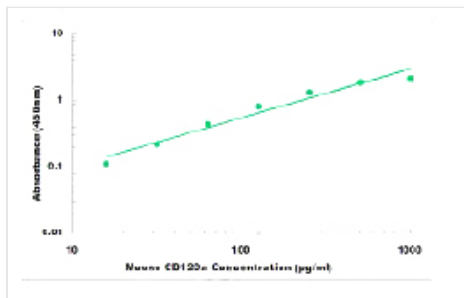
PRODUCT SYNONYMS

CD120a; Mouse CD120a ELISA Kit; TNFAR; TNFR1; Tumor necrosis factor receptor superfamily member 1A; Tumor necrosis factor receptor 1; TNF-R1; Tumor necrosis factor receptor type I; TNF-RI; TNFR-I; p55; p60; TNFRSF1A elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	The Mouse CD120a ELISA Kit allows for the detection and quantification of endogenous levels of natural and/or recombinant Mouse CD120a proteins within the range of 15.6 pg/ml - 1000 pg/ml.
Sequence Length	454
Samples	Cell Culture Supernates, Serum
Sensitivity	<10 pg/ml
Preparation and Storage	Shipped and store at 4 degree C for 6 months, store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TNFRSF1A elisa kit	Principle of the Assay: The Mouse CD120a ELISA (Enzyme-Linked Immunosorbent Assay) kit is an in vitro enzyme-linked immunosorbent assay for the quantitative measurement of Mouse CD120a in Cell Culture Supernates, Serum. This assay employs an antibody specific for Mouse CD120a coated on a 96-well plate. Standards and samples are pipetted into the wells and CD120a present in a sample is bound to the wells by the immobilized antibody. The wells are washed and biotinylated anti-Mouse CD120a antibody is added. After washing away unbound biotinylated antibody, HRP-conjugated streptavidin is pipetted to the wells. The wells are again washed, a TMB substrate solution is added to the wells and color develops in proportion to the amount of CD120a bound. The Stop Solution changes the color from blue to yellow, and the intensity of the color is measured at 450 nm. Background: Tumor necrosis factor receptor 1 (TNFR1), also known as tumor necrosis factor receptor superfamily member 1A (TNFRSF1A) and CD120a, is a ubiquitous membrane receptor that binds tumor necrosis factor-alpha (TNF alpha). The protein encoded by this gene is a member of the tumor necrosis factor receptor superfamily, which also contains TNFRSF1B. And this protein is one of the major receptors for the tumor necrosis factor-alpha. This receptor can activate the transcription factor NF-kappaB, mediate apoptosis, and function as a regulator of inflammation. Antiapoptotic protein BCL2-associated athanogene 4 (BAG4/SODD) and adaptor proteins TRADD and TRAF2 have been shown to interact with this receptor, and thus play regulatory roles in the signal transduction mediated by the receptor.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	31560799
NCBI GeneID	21937
NCBI Accession #	NP_035739.2
NCBI GenBank Nucleotide #	NM_011609.4
UniProt Accession #	P25118
Molecular Weight	50,130 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	FPPF; p55; TNF-R; TNFAR; TNFRI; Tnfr1; p55-R; CD120a; TNF-R1; TNFR60; Tnfr-2; TNF-R-I; TNF-R55; TNFRp55; TNF-alphaR1; TNFalpha-R1
NCBI Protein Information	tumor necrosis factor receptor superfamily member 1A
UniProt Protein Name	Tumor necrosis factor receptor superfamily member 1A
UniProt Gene Name	Tnfrsf1a
UniProt Synonym Gene Names	Tnfr-1; Tnfr1; TNF-R1; TNF-RI; TNFR-I
UniProt Entry Name	TNR1A_MOUSE

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.