

Mouse Tumor Necrosis Factor Ligand Superfamily, Member 12 (TNFSF12) RTU ELISA Kit | TNFSF12 rtu elisa kit

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CATALOG #
AAA219735

REACTIVITY
Mouse

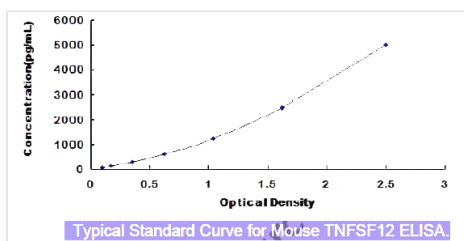
PRODUCT SYNONYMS

Tumor Necrosis Factor Ligand Superfamily; Member 12 (TNFSF12); Mouse Tumor Necrosis Factor Ligand Superfamily; Member 12 (TNFSF12) ELISA Kit; APO3L; DR3LG; TWEAK; APO3 ligand; TNF-related weak inducer of apoptosis; TNFSF12 rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of TLR7. No significant cross-reactivity or interference between TLR7 and analogues was observed.
Sequence Length	249
Samples	Human Tissue Homogenates, Cell Lysates, Cell Culture Supernates Or Other Biological Fluids
Assay Type	Quantitative Sandwich
Detection Range	0.156-10ng/mL
Sensitivity	0.057ng/mL.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level TLR7 were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level TLR7 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TNFSF12 rtu elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for the in vitro quantitative measurement of TLR7 in human tissue homogenates, cell lysates, cell culture supernates or other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to TLR7. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to TLR7. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain TLR7, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of TLR7 in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	47606773
NCBI GeneID	21944
UniProt Accession #	O54907
NCBI Official Full Name	Tumor necrosis factor ligand superfamily member 12
NCBI Official Synonym Full Names	tumor necrosis factor (ligand) superfamily, member 12
NCBI Official Symbol	Tnfsf12
NCBI Official Synonym Symbols	Dr3l; Apo3l; Dr3lg; Tweak
NCBI Protein Information	tumor necrosis factor ligand superfamily member 12
UniProt Protein Name	Tumor necrosis factor ligand superfamily member 12
UniProt Gene Name	Tnfsf12
UniProt Synonym Gene Names	TWEAK
UniProt Entry Name	TNF12_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.