

Mouse Tumor Necrosis Factor Ligand Superfamily, Member 14 (TNFSF14) ELISA Kit | TNFSF14 elisa kit

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CATALOG # AAA64499	REACTIVITY Mouse
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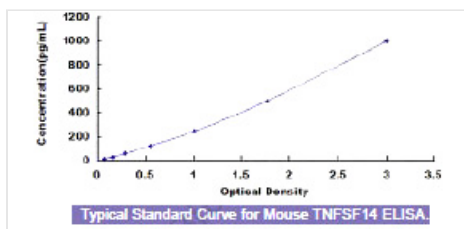
PRODUCT SYNONYMS

Tumor Necrosis Factor Ligand Superfamily; Member 14 (TNFSF14); Mouse Tumor Necrosis Factor Ligand Superfamily; Member 14 (TNFSF14) ELISA Kit; CD258; TR2; HVEM; LIGHT; LTg; Herpes virus entry mediator ligand; Herpesvirus entry mediator ligand; TNFSF14 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of TNFSF14. No significant cross-reactivity or interference between TNFSF14 and analogues was observed.
Sequence Length	239
Samples	Serum, plasma, tissue homogenates and other biological fluids.
Assay Type	Sandwich
Detection Range	15.625-1000pg/mL
Sensitivity	6.3pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level TNFSF14 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 TNFSF14 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TNFSF14 elisa kit	Intended Uses: This kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of TNFSF14 in mouse serum, plasma, tissue homogenates and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to TNFSF14. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to TNFSF14. 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 TNFSF14, 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 TNFSF14 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 #	9507195
NCBI GeneID	50930
NCBI Accession #	NP_062291.1
NCBI GenBank Nucleotide #	NM_019418.3
UniProt Accession #	Q9QYH9; Q059Y9
Molecular Weight	26,338 Da
NCBI Official Full Name	tumor necrosis factor ligand superfamily member 14
NCBI Official Synonym Full Names	tumor necrosis factor (ligand) superfamily, member 14
NCBI Official Symbol	Tnfsf14
NCBI Official Synonym Symbols	LTg; HVEM-L; LIGHT; Ly113; HVEM-L; Tnlg1d
NCBI Protein Information	tumor necrosis factor ligand superfamily member 14
UniProt Protein Name	Tumor necrosis factor ligand superfamily member 14
UniProt Gene Name	Tnfsf14
UniProt Synonym Gene Names	Light

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/mouse-elisa-kits/tumor-necrosis-factor-ligand-superfamily-member-14-tnfsf14/64499>