

Mouse TNFSF18/GITRL ELISA Kit | TNFSF18 elisa kit

Mouse TNFSF18/GITRL PicoKine ELISA Kit

CATALOG #
AAA45792

REACTIVITY
Mouse

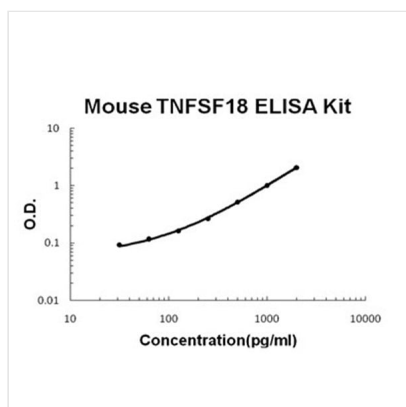
PRODUCT SYNONYMS

TNFSF18/GITRL; Mouse TNFSF18/GITRL PicoKine ELISA Kit; Tumor necrosis factor ligand superfamily member 18; tumor necrosis factor (ligand) superfamily member 18; Activation inducible TNF related ligand; Activation-inducible TNF-related ligand; AITRL; GITRL; Glucocorticoid induced TNF related ligand; Glucocorticoid induced TNFR related protein ligand; Glucocorticoid-induced TNF-related ligand; hGITRL; MGC138237; TL6; TNF18_HUMAN; TNFSF18; Tumor necrosis factor (ligand) superfamily member 18; TNFSF18 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	Natural and recombinant mouse TNFSF18
Sequence Length	173
Samples	Cell culture supernates, serum and plasma (heparin, EDTA)
Assay Type	Sandwich
Detection Range	31.2pg/ml-2000pg/ml
Sensitivity	< 10pg/ml
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision.
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision.
Preparation and Storage	Store at 4 degree C for 6 months, at -20 degree C for 12 months. Avoid multiple freeze-thaw cycles (Shipped with wet ice.)

IMAGES



Standard Curve (Sample)

Mouse TNFSF18/GITRL PicoKine ELISA Kit standard curve

ADDITIONAL INFORMATION

Related Product Information for TNFSF18 elisa kit

Principle of the assay: mouse TNFSF18 ELISA Kit was based on standard sandwich enzyme-linked immune-sorbent assay technology. A monoclonal antibody from rat specific for TNFSF18 has been precoated onto 96-well plates. Standards(NSO, T47-S173) and test samples are added to the wells, a biotinylated detection polyclonal antibody from goat specific for TNFSF18 is added subsequently and then followed by washing with PBS or TBS buffer. Avidin-Biotin-Peroxidase Complex was added and unbound conjugates were washed away with PBS or TBS buffer. HRP substrate TMB was used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the mouse TNFSF18 amount of sample captured in plate.

Background: Tumor necrosis factor ligand superfamily member 18, also known as AITRL or GITRL, is a protein that in humans is encoded by the TNFSF18 gene. The protein encoded by this gene is a cytokine that belongs to the tumor necrosis factor(TNF) ligand family. It is mapped to 1q25.1. TNFSF18 is a ligand for receptor TNFRSF18/AITR/GITR. It has been shown to modulate T lymphocyte survival in peripheral tissues. This cytokine is also found to be expressed in endothelial cells, and is thought to be important for interaction between T lymphocytes and endothelial cells. TNFSF18-dependent modulation of tryptophan catabolism may represent an important mechanism of action of glucocorticoids, both physiologically and therapeutically.

NCBI AND UNIPROT INFORMATION

NCBI GI #	81894654
NCBI GeneID	240873
UniProt Accession #	Q7TS55; Q7TNY2; Q80YG2
Molecular Weight	19,732 Da
NCBI Official Full Name	Tumor necrosis factor ligand superfamily member 18
NCBI Official Synonym Full Names	tumor necrosis factor (ligand) superfamily, member 18
NCBI Official Symbol	Tnfsf18
NCBI Official Synonym Symbols	Gitrl
NCBI Protein Information	tumor necrosis factor ligand superfamily member 18; GITR ligand; glucocorticoid-induced TNF-related ligand; glucocorticoid-induced-tumor necrosis factor receptor ligand
UniProt Protein Name	Tumor necrosis factor ligand superfamily member 18
UniProt Gene Name	Tnfsf18
UniProt Synonym Gene Names	Gitrl; GITRL
UniProt Entry Name	TNF18_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/mouse-elisa-kits/tnfsf18-gitrl/45792>