

Human GITRL ELISA Kit | TNFSF18 elisa kit

Human GITRL ELISA Kit

CATALOG #
AAA263094

REACTIVITY
Human

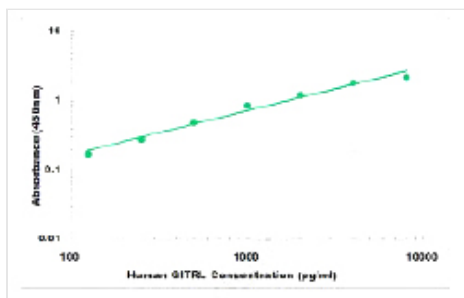
PRODUCT SYNONYMS

GITRL; Human GITRL ELISA Kit; AITRL; TL6; Tumor necrosis factor ligand superfamily member 18; Activation-inducible TNF-related ligand; Glucocorticoid-induced TNF-related ligand; hGITRL; TNFSF18 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	The Human GITRL ELISA Kit allows for the detection and quantification of endogenous levels of natural and/or recombinant Human GITRL proteins within the range of 125 pg/ml - 8000 pg/ml.
Sequence Length	199
Samples	Cell Culture Supernates, Serum, Plasma
Sensitivity	<4 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 TNFSF18 elisa kit	Principle of the Assay: The Human GITRL ELISA (Enzyme-Linked Immunosorbent Assay) kit is an in vitro enzyme-linked immunosorbent assay for the quantitative measurement of Human GITRL in Cell Culture Supernates, Serum, Plasma. This assay employs an antibody specific for Human GITRL coated on a 96-well plate. Standards and samples are pipetted into the wells and GITRL present in a sample is bound to the wells by the immobilized antibody. The wells are washed and biotinylated anti-Human GITRL 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 GITRL 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 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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	157419142
NCBI GeneID	8995
NCBI Accession #	NP_005083.2
NCBI GenBank Nucleotide #	NM_005092.3
UniProt Accession #	Q9UNG2; O95852; Q6ISV1; A9IQG8
Molecular Weight	22,724 Da
NCBI Official Full Name	tumor necrosis factor ligand superfamily member 18
NCBI Official Synonym Full Names	tumor necrosis factor superfamily member 18
NCBI Official Symbol	TNFSF18
NCBI Official Synonym Symbols	TL6; AITRL; GITRL; TNLG2A; hGITRL
NCBI Protein Information	tumor necrosis factor ligand superfamily member 18
UniProt Protein Name	Tumor necrosis factor ligand superfamily member 18
UniProt Gene Name	TNFSF18
UniProt Synonym Gene Names	AITRL; GITRL; TL6; AITRL; hGITRL
UniProt Entry Name	TNF18_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.