

Human Glucocorticoid Induced Tumor Necrosis Factor Receptor (GITR) ELISA Kit | GITR elisa kit

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CATALOG # AAA63889	REACTIVITY Human
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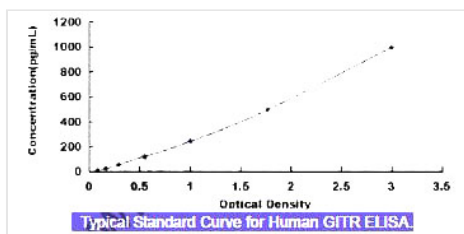
PRODUCT SYNONYMS

Glucocorticoid Induced Tumor Necrosis Factor Receptor (GITR); Human Glucocorticoid Induced Tumor Necrosis Factor Receptor (GITR) ELISA Kit; TNFRSF18; AITR; Tumor Necrosis Factor Receptor Superfamily 18; Glucocorticoid-induced TNFR-related protein; Activation-inducible TNFR family receptor; GITR elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of GITR. No significant cross-reactivity or interference between GITR and analogues was observed.
Sequence Length	241
Samples	Serum, plasma, tissue homogenates, cell lysates and other biological fluids.
Assay Type	Sandwich
Detection Range	15.625-1000pg/mL
Sensitivity	5.9pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level GITR 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 GITR 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 GITR elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of GITR in human serum, plasma, tissue homogenates, cell lysates, and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to GITR. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to GITR. 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 GITR, 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 GITR 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 #	4759246
NCBI GeneID	8784
NCBI Accession #	NP_004186.1
NCBI GenBank Nucleotide #	NM_004195.2
UniProt Accession #	Q9Y5U5; O95851; Q5U0I4; Q9NYJ9; B1AME1
Molecular Weight	25,110 Da
NCBI Official Full Name	tumor necrosis factor receptor superfamily member 18 isoform 1
NCBI Official Synonym Full Names	TNF receptor superfamily member 18
NCBI Official Symbol	TNFRSF18
NCBI Official Synonym Symbols	AITR; GITR; CD357; GITR-D
NCBI Protein Information	tumor necrosis factor receptor superfamily member 18
UniProt Protein Name	Tumor necrosis factor receptor superfamily member 18
UniProt Gene Name	TNFRSF18
UniProt Synonym Gene Names	AITR; GITR

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/human-elisa-kits/glucocorticoid-induced-tumor-necrosis-factor-receptor-gitr/63889>