

Human tumor necrosis factor (ligand) superfamily, member 13 ELISA Kit | TNFSF13 elisa kit

Human a proliferation inducing ligand, APRIL ELISA Kit

CATALOG #
AAA80804

REACTIVITY
Human

PRODUCT SYNONYMS

tumor necrosis factor (ligand) superfamily; member 13; Human a proliferation inducing ligand; APRIL ELISA Kit; Human a proliferation inducing ligand (APRIL) ELISA Kit; APRIL; CD256; TALL2; TRDL-1; UNQ383/PRO715; ligand; TNF- and APOL-related leukocyte expressed ligand 2; a proliferation inducing ligand; tumor necrosis factor (ligand) superfamily member 13 transcript; TNFSF13 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human APRIL. No significant cross-reactivity or interference between human APRIL and analogues was observed.
Sequence Length	222
Samples	Serum, plasma, urine
Assay Type	Sandwich
Detection Range	0.78 ng/ml -50 ng/ml.
Sensitivity	The minimum detectable dose of human APRIL is typically less than 0.195 ng/ml. The sensitivity of this assay, or Lower Limit of Detection (LLD) was defined as the lowest protein concentration that could be differentiated from zero. It was determined the mean O.D value of 20 replicates of the zero standard added by their three standard deviations.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TNFSF13 elisa kit	Principle of the assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for APRIL has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any APRIL present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for APRIL is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of APRIL bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	310750387
NCBI GeneID	8741
NCBI Accession #	NP_001185552.1
NCBI GenBank Nucleotide #	NM_001198623.1
UniProt Accession #	O75888; Q541E1; Q5U0G8; Q96HV6; Q9P1M8; Q9P1M9; A8MYD5; B4DVT2
Molecular Weight	27,433 Da
NCBI Official Full Name	tumor necrosis factor ligand superfamily member 13 isoform zeta
NCBI Official Synonym Full Names	tumor necrosis factor (ligand) superfamily, member 13
NCBI Official Symbol	TNFSF13
NCBI Official Synonym Symbols	APRIL; CD256; TALL2; ZTNF2; TALL-2; TRDL-1; UNQ383/PRO715
NCBI Protein Information	tumor necrosis factor ligand superfamily member 13; a proliferation-inducing ligand; tumor necrosis factor-like protein ZTNF2; tumor necrosis factor-related death ligand-1; TNF- and APOL-related leukocyte expressed ligand 2
UniProt Protein Name	Tumor necrosis factor ligand superfamily member 13
UniProt Gene Name	TNFSF13
UniProt Synonym Gene Names	APRIL; TALL2; ZTNF2; UNQ383/PRO715; APRIL; TALL-2; TRDL-1
UniProt Entry Name	TNF13_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.

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Online datasheet: <https://stage.aaabiotech.com/tnfsf13-human-elisa-kits/tumor-necrosis-factor-ligand-superfamily-member-13/80804>