

A ProlifeRation inducing ligand ELISA Kit | APRIL elisa kit

Rat A ProlifeRation inducing ligand ELISA Kit

CATALOG #
AAA88808

REACTIVITY
Rat

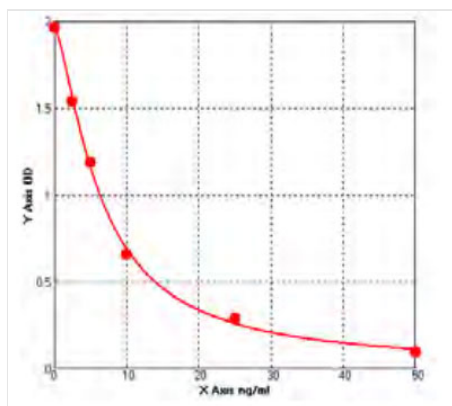
PRODUCT SYNONYMS

A ProlifeRation inducing ligand; Rat A ProlifeRation inducing ligand ELISA Kit; APRIL elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of APIL. No significant cross-reactivity or interference between APIL and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between APIL and all the analogues, therefore, cross reaction may still exist in some cases.
Assay Type	Quantitative Competitive
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Sensitivity	0.1 ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for APRIL elisa kit	Principle of the Assay: APIL ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-APIL antibody and an APIL-HRP conjugate. The assay sample and buffer are incubated together with APIL-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the APIL concentration since APIL from samples and APIL-HRP conjugate compete for the anti-APIL antibody binding site. Since the number of sites is limited, as more sites are occupied by APIL from the sample, fewer sites are left to bind APIL-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The APIL concentration in each sample is interpolated from this standard curve. Intended Uses: This APIL ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rat APIL. This ELISA kit for research use only, not for therapeutic or test applications!
Product Categories/Family for APRIL elisa kit	Immunology

NCBI AND UNIPROT INFORMATION

NCBI GI #	24934972
NCBI GeneID	8741
Molecular Weight	36,589 Da
NCBI Official Full Name	APRIL
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/april-rat-elisa-kits/a-proliferation-inducing-ligand/88808>