

Human IL-28A ELISA Kit | IFNL2 elisa kit

Human IL-28A ELISA Kit

CATALOG # AAA105760	REACTIVITY Human	APPLICATIONS ELISA
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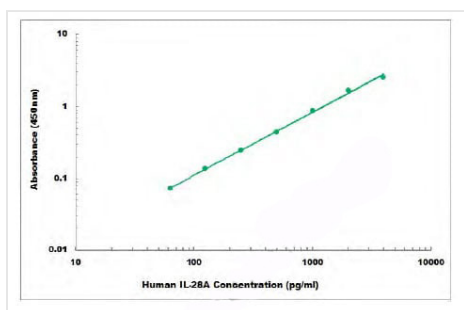
PRODUCT SYNONYMS

IL-28A; Human IL-28A ELISA Kit; IL28A; ZCYTO20; Interferon lambda-2; IFN-lambda-2; Cytokine Zcyto20; Interleukin-28A; IFNL2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	200
Samples	Cell Culture Supernatants, Serum, Plasma
Sensitivity	<30 pg/ml
Applicable Applications for IFNL2 elisa kit	ELISA (Sandwich ELISA)
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 IFNL2 elisa kit

Principle of the Assay: MBS Human IL-28A ELISA (Enzyme-Linked Immunosorbent Assay) kit is an in vitro enzyme-linked immunosorbent assay for the quantitative measurement of Human IL-28A in Cell Culture Supernatants, Serum, Plasma. This assay employs an antibody specific for Human IL-28A coated on a 96-well plate. Standards and samples are pipetted into the wells and IL-28A present in a sample is bound to the wells by the immobilized antibody. The wells are washed and biotinylated anti-Human IL-28A 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 IL-28A bound. The Stop Solution changes the color from blue to yellow, and the intensity of the color is measured at 450 nm.

Background/Introduction: Interferon lambda-2, also called IFNL2 or IL28A is a class II cytokine receptor ligand related to type I interferons. This gene is mapped to 19q13.2. This gene encodes a cytokine distantly related to type I interferons and the IL-10 family. This gene, interleukin 28B (IL28B), and interleukin 29 (IL29) are three closely related cytokine genes that form a cytokine gene cluster. It up-regulates MHC class I antigen expression. It also displays antitumor activity. The ligand/receptor complex seems to signal through the Jak-STAT pathway. This gene seems not to be essential for early virus-activated host defense in vaginal infection, but plays an important role in Toll-like receptor (TLR)-induced antiviral defense. It seems play a significant role in the antiviral immune defense in the intestinal epithelium.

NCBI AND UNIPROT INFORMATION

NCBI GI #	26024321
NCBI GeneID	282616
NCBI Accession #	NP_742150.1
NCBI GenBank Nucleotide #	NM_172138.1
UniProt Accession #	Q8IZJ0; Q45KQ8; Q6VN55; Q8IWL7
Molecular Weight	22,288 Da
NCBI Official Full Name	interferon lambda-2
NCBI Official Synonym Full Names	interferon, lambda 2
NCBI Official Symbol	IFNL2
NCBI Official Synonym Symbols	IL28A; IL-28A
NCBI Protein Information	interferon lambda-2; IFN-lambda-2; interleukin-28A; cytokine Zcyto20; interferon lambda 2; interferon-lambda 2; interleukin 28A (interferon, lambda 2)
UniProt Protein Name	Interferon lambda-2
UniProt Gene Name	IFNL2
UniProt Synonym Gene Names	IL28A; ZCYTO20; IFN-lambda-2; IL-28A
UniProt Entry Name	IFNL2_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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