

Human Interleukin 28A, IL-28A/IFN-lambda2 ELISA Kit | IFNL2 elisa kit

Human Interleukin 28A, IL-28A/IFN-lambda2 ELISA Kit

CATALOG #
AAA80569

REACTIVITY
Human

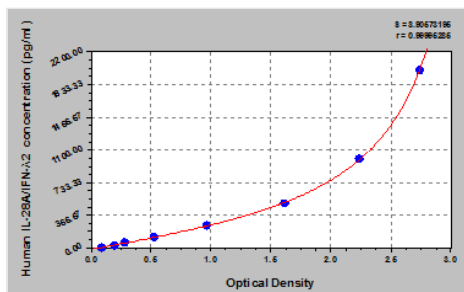
PRODUCT SYNONYMS

Interleukin 28A; IL-28A/IFN-lambda2; Human Interleukin 28A; IL-28A/IFN-lambda2 ELISA Kit; IL-28A/IFN-lambda2 ELISA kit; IFNL2; IL-28A; interferon lambda 2; interferon-lambda 2; interleukin 28A; IFNL2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human IL-28A/IFN-lambda2. No significant cross-reactivity or interference between human IL-28A/IFN-lambda2 and analogues was observed.
Sequence Length	200
Samples	Serum, plasma, cell culture supernates
Assay Type	Sandwich
Detection Range	31.25 pg/ml -2000 pg/ml.
Sensitivity	The minimum detectable dose of human IL-28A/IFN-lambda2 is typically less than 7.8 pg/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 IFNL2 elisa kit	Principle of the assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for IL-28A/IFN-lambda2 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any IL-28A/IFN-lambda2 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for IL-28A/IFN-lambda2 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 IL-28A/IFN-lambda2 bound in the initial step. The color development is stopped and the intensity of the color is measured.
---	---

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.