

Human Interleukin 28B (IL-28B) ELISA Kit | IL-28B elisa kit

Human Interleukin 28B, IL-28B ELISA Kit

CATALOG #
AAA14988

REACTIVITY
Human

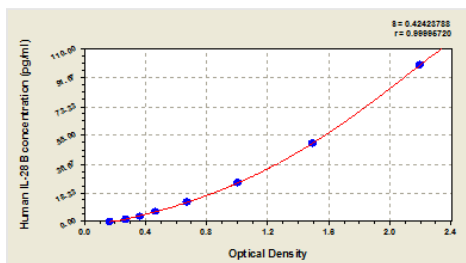
PRODUCT SYNONYMS

Interleukin 28B (IL-28B); Human Interleukin 28B; IL-28B ELISA Kit; Human Interleukin 28B (IL-28B) ELISA kit; IFNL3; IL-28B; IL28C; interferon; lambda 3; lambda 4; interleukin 28B; interleukin 28C; IL-28B elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human IL-28B. No significant cross-reactivity or interference between human IL-28B and analogues was observed.
Sequence Length	196
Samples	Serum, plasma, cell culture supernates, tissue homogenates.
Assay Type	Sandwich (Quantitative)
Detection Range	1.56 pg/ml-100 pg/ml.
Sensitivity	0.39 pg/ml.
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 IL-28B elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for IL-28B has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any IL-28B present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for IL-28B 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-28B 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 #	28144901
NCBI GeneID	282617
NCBI Accession #	NP_742151.2
NCBI GenBank Nucleotide #	NM_172139.2
UniProt Accession #	Q8IZI9; Q6VN56; Q7Z4J3; Q8IWL6; A2BDE1
Molecular Weight	21,706 Da
NCBI Official Full Name	interferon lambda-3
NCBI Official Synonym Full Names	interferon, lambda 3
NCBI Official Symbol	IFNL3
NCBI Official Synonym Symbols	IL28B; IL28C; IL-28B
NCBI Protein Information	interferon lambda-3; IL-28C; IFN-lambda-3; IFN-lambda-4; interleukin 28C; interleukin-28B; interleukin-28C; cytokine Zcyto22; interferon lambda-4; interferon, lambda 4; interleukin 28B (interferon, lambda 3)
UniProt Protein Name	Interferon lambda-3
UniProt Gene Name	IFNL3
UniProt Synonym Gene Names	IL28B; IL28C; ZCYTO22; IFN-lambda-3; IL-28B; IL-28C
UniProt Entry Name	IFNL3_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/human-elisa-kits/interleukin-28b-il-28b/14988>