

Human interferon, kappa ELISA Kit | IFNK elisa kit

Human Interferon kappa, IFNK ELISA Kit

CATALOG #
AAA18301

REACTIVITY
Human

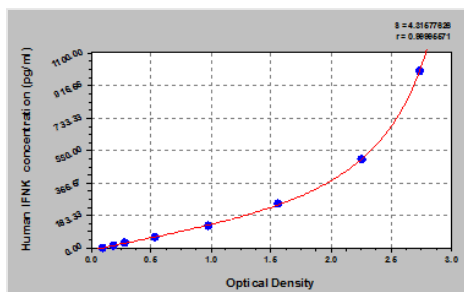
PRODUCT SYNONYMS

interferon; kappa; Human Interferon kappa; IFNK ELISA Kit; Human Interferon kappa (IFNK) ELISA kit; RP11-27J8.1; interferon kappa; interferon-like protein; IFNK elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human IFNK. No significant cross-reactivity or interference between human IFNK and analogues was observed.
Sequence Length	207
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, tissue homogenates
Detection Range	15.6 pg/ml-1000 pg/ml
Sensitivity	< 3.9 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 IFNK elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for IFNK has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any IFNK present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for IFNK 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 IFNK 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 #	112789564
NCBI GeneID	56832
NCBI Accession #	NP_064509.2
NCBI GenBank Nucleotide #	NM_020124.2
UniProt Accession #	Q9P0W0; Q5T166
Molecular Weight	25,218 Da
NCBI Official Full Name	interferon kappa
NCBI Official Synonym Full Names	interferon, kappa
NCBI Official Symbol	IFNK
NCBI Official Synonym Symbols	IFNT1; INFE1
NCBI Protein Information	interferon kappa; IFN-kappa; interferon-like protein
UniProt Protein Name	Interferon kappa
UniProt Gene Name	IFNK
UniProt Synonym Gene Names	UNQ6124/PRO20084; IFN-kappa
UniProt Entry Name	IFNK_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/ifnk-human-elisa-kits/interferon-kappa/18301>