

Mouse Interferon kappa (IFNK) ELISA Kit | IFNK elisa kit

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CATALOG #
AAA56009

REACTIVITY
Mouse

PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of Mouse IFNK. No significant cross-reactivity or interference between Mouse IFNK and analogues was observed.
Sequence Length	199
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, tissue homogenates and other biological fluids
Detection Range	7.8 pg/mL - 500 pg/mL
Sensitivity	5.2 pg/mL (mean of 6 independent assays)
Intra-assay Precision	Intra-assay Precision (Precision within an assay) Three samples of known concentration were tested twenty times on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-assay Precision (Precision between assays) Three samples of known concentration were tested in forty separate assays to assess inter-assay precision. CV (%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	Store at 2-8 degree C.

ADDITIONAL INFORMATION

Related Product Information for IFNK elisa kit

Principle of the Assay: This assay employs a two-site sandwich ELISA to quantitate IFNK in Mouse serum, plasma, tissue homogenates. An 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, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-conjugated 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.

Intended Uses: For the quantitative detection of Mouse Interferon kappa (IFNK) concentration in serum, plasma, tissue homogenates and other biological fluids.

NCBI AND UNIPROT INFORMATION

NCBI GI #	40255305
NCBI GeneID	387510
NCBI Accession #	NP_954608.1
NCBI GenBank Nucleotide #	NM_199157.2
UniProt Accession #	Q7TSL0

Molecular Weight	23,581 Da
NCBI Official Full Name	interferon kappa
NCBI Official Synonym Full Names	interferon kappa
NCBI Official Symbol	Ifnk
NCBI Protein Information	interferon kappa
UniProt Protein Name	Interferon kappa
UniProt Gene Name	Ifnk
UniProt Synonym Gene Names	IFN-kappa

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://www.aaabiotech.com/mouse-elisa-kits/interferon-kappa-ifnk/56009>