

Mouse IFN-beta ELISA Kit | IFNB1 elisa kit

Mouse IFN-beta ELISA Kit

CATALOG #
AAA281409

REACTIVITY
Mouse

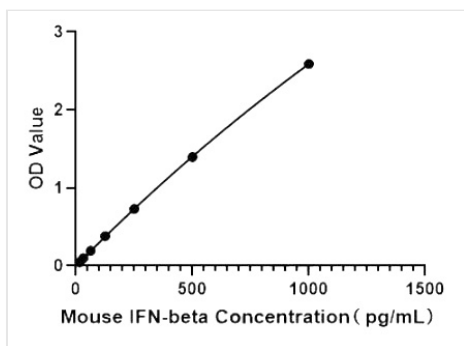
PRODUCT SYNONYMS

IFN-beta; Mouse IFN-beta ELISA Kit; IFNB1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay recognizes both recombinant and natural mouse IFN-beta. The factors listed below were prepared at 50ng/ml and assayed for cross-reactivity.
Sequence Length	187
Assay Type	Quantitative Sandwich
Detection Range	15.6-1000pg/mL
Sensitivity	< 7.2pg/mL
Intra-assay Precision	Intra-plate Precision 3 samples with low, middle and high level IFN-beta were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-plate Precision 3 samples with low, middle and high level IFN-beta were tested on 3 different plates, 20 replicates in each plate. Inter-Assay: CV<15%
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IFNB1 elisa kit	Background: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of IFN-beta in mouse serum, plasma, cell culture supernatantss and other biological fluids. Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. An antibody specific for mouse IFN-beta has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any IFN-beta present is bound by the immobilized antibody. After washing away any unbound substances, and then a detection antibody specific for IFN-beta is added to the wells and binds to the combination of capture antibody IFN-beta in sample. Following a wash to remove any unbound combination, and enzyme conjugate is added to the wells. Following incubation and wash steps, a substrate solution is added to the wells and color develops in proportion to the amount of IFN-beta bound in the initial step. The color development is stopped and the absorbance is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4504603
NCBI GeneID	3456
NCBI Accession #	NP_002167.1
NCBI GenBank Nucleotide #	NM_002176.4
UniProt Accession #	P01574; Q5VWC9
Molecular Weight	22,294 Da
NCBI Official Full Name	interferon beta
NCBI Official Synonym Full Names	interferon beta 1
NCBI Official Symbol	IFNB1
NCBI Official Synonym Symbols	IFB; IFF; IFNB; IFN-beta
NCBI Protein Information	interferon beta
UniProt Protein Name	Interferon beta
UniProt Gene Name	IFNB1
UniProt Synonym Gene Names	IFB; IFNB; IFN-beta

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/ifnb1-mouse-elisa-kits/ifn-beta/281409>