

Mouse Interferon Alpha 4 (IFNa4) ELISA Kit | IFNa4 elisa kit

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CATALOG #
AAA188096

REACTIVITY
Mouse

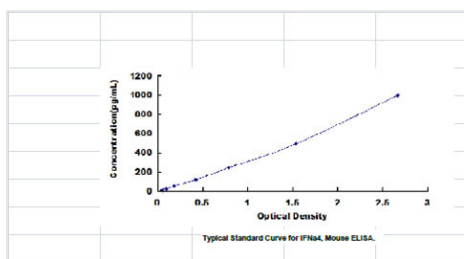
PRODUCT SYNONYMS

Interferon Alpha 4 (IFNa4); Mouse Interferon Alpha 4 (IFNa4) ELISA Kit; INFA4; Interferon Alpha-4B; Interferon Alpha-76; Interferon Alpha-M1; IFNa4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of IFNa4. No significant cross-reactivity or interference between IFNa4 and analogues was observed.
Sequence Length	186
Samples	Serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	15.6-1,000pg/mL
Sensitivity	< 5.6pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level IFNa4 were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level IFNa4 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IFNa4 elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of IFNa4 in mouse serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids. Principle of the Assay: The microplate provided in this kit has been pre-coated with an antibody specific to IFNa4. Standards or samples are then added to the appropriate microplate wells with a biotin-conjugated antibody specific to IFNa4. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain IFNa4, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of IFNa4 in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	6754294
NCBI GeneID	15967
NCBI Accession #	NP_034634.1
NCBI GenBank Nucleotide #	NP_034634.1
UniProt Accession #	P07351
NCBI Official Full Name	interferon alpha-4
NCBI Official Synonym Full Names	interferon alpha 4
NCBI Official Symbol	Ifna4
NCBI Official Synonym Symbols	Ifa4
NCBI Protein Information	interferon alpha-4
UniProt Protein Name	Interferon alpha-4
UniProt Gene Name	Ifna4
UniProt Synonym Gene Names	IFN-alpha-4
UniProt Entry Name	IFNA4_MOUSE

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.