

Mouse IFNalpha (Interferon Alpha) ELISA Kit | IFNalpha elisa kit

Mouse IFNalpha (Interferon Alpha) ELISA Kit

CATALOG #
AAA177750

REACTIVITY
Mouse

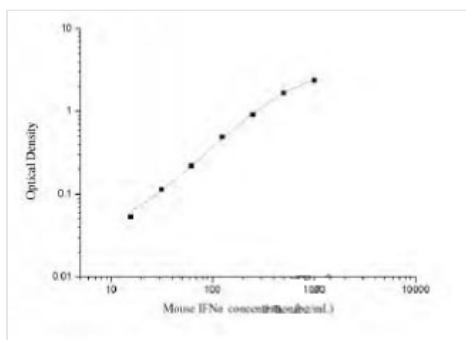
PRODUCT SYNONYMS

IFNalpha (Interferon Alpha); Mouse IFNalpha (Interferon Alpha) ELISA Kit; IFNalpha elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This kit recognizes Mouse IFNalpha in samples. No significant cross-reactivity or interference between Mouse IFNalpha and analogues was observed.
Samples	Serum, plasma and other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	9.38-1000pg/mL
Sensitivity	15.63pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, mid range and high level Mouse IFNalpha were tested 20 times on one plate, respectively.
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, mid range and high level Mouse IFNalpha were tested on 3 different plates, 20 replicates in each plate.
Preparation and Storage	Store at 4 degree C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IFNalpha elisa kit	Intended Uses: This ELISA kit applies to the in vitro quantitative determination of Mouse IFNalpha concentrations in serum, plasma and other biological fluids. Principle of the Assay: This ELISA kit uses the Sandwich-ELISA principle. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Mouse IFNalpha. Samples (or Standards) and biotinylated detection antibody specific for Mouse IFNalpha are added to the micro ELISA plate wells. Mouse IFNalpha would combine with the specific antibody. Then Avidin-Horseradish Peroxidase (HRP) conjugate are added successively to each micro plate well and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Mouse IFNalpha, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of stop solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 +/- 2 nm. The OD value is proportional to the concentration of Mouse IFNalpha. You can calculate the concentration of Mouse IFNalpha in the samples by comparing the OD of the samples to the standard curve.
--	--

NCBI AND UNIPROT INFORMATION

NCBI GI #	117168293
NCBI GeneID	15962
NCBI Accession #	NP_034632.2
NCBI GenBank Nucleotide #	NM_010502.2
UniProt Accession #	P01572; P01573
Molecular Weight	21,646 Da
NCBI Official Full Name	interferon alpha-1
NCBI Official Synonym Full Names	interferon alpha 1
NCBI Official Symbol	Ifna1
NCBI Official Synonym Symbols	Ifa1
NCBI Protein Information	interferon alpha-1; IFN-alpha-1; interferon alpha family gene 1
UniProt Protein Name	Interferon alpha-1
UniProt Gene Name	Ifna1
UniProt Synonym Gene Names	IFN-alpha-1
UniProt Entry Name	IFNA1_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.