

Interferon Beta (IFN β) ELISA Kit | IFN β elisa kit

Monkey Interferon Beta (IFN β) ELISA Kit

CATALOG #
AAA14031

REACTIVITY
Rhesus monkey

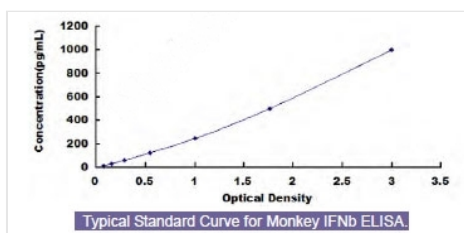
PRODUCT SYNONYMS

Interferon Beta (IFN β); Monkey Interferon Beta (IFN β) ELISA Kit; IFNB1; IFN-B; IFB; IFF; IFNB; Interferon Beta 1 Fibroblast; IFN β elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rhesus monkey
Specificity	This assay has high sensitivity and excellent specificity for detection of IFN β . No significant cross-reactivity or interference between IFN β and analogues was observed.
Sequence Length	187
Samples	Serum, plasma, tissue homogenates, cell lysates, cell culture supernates or other biological fluids
Assay Type	Quantitative Competitive
Detection Range	15.6-1000pg/mL
Sensitivity	< 7.1pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level IFN β 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 IFN β were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IFN β elisa kit	Intended Uses: The kit is a competitive inhibition enzyme immunoassay technique for the in vitro quantitative measurement of IFNβ in monkey serum, plasma, tissue homogenates, cell lysates, cell culture supernates or other biological fluids. Principle of the Assay: This assay employs the competitive inhibition enzyme immunoassay technique. A monoclonal antibody specific to IFNβ has been pre-coated onto a microplate. A competitive inhibition reaction is launched between biotin labeled IFNβ and unlabeled IFNβ (Standards or samples) with the pre-coated antibody specific to IFNβ. After incubation the unbound conjugate is washed off. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. The amount of bound HRP conjugate is reverse proportional to the concentration of IFNβ in the sample. After addition of the substrate solution, the intensity of color developed is reverse proportional to the concentration of IFNβ in the sample.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	209447048
NCBI GeneID	711414
NCBI Accession #	NP_001129267.1
NCBI GenBank Nucleotide #	NM_001135795.1
UniProt Accession #	B6CK14
Molecular Weight	22,316 Da
NCBI Official Full Name	interferon beta
NCBI Official Symbol	IFNB1
NCBI Protein Information	interferon beta
UniProt Protein Name	Interferon beta 1
UniProt Gene Name	IFNB1

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/monkey-rhesus-monkey-elisa-kits/interferon-beta-ifnb/14031>