

Human Anti-Interferon Beta (Anti-IFN β) ELISA Kit | Anti-IFN β elisa kit

Human Anti-Interferon Beta Antibody (Anti-IFN β) ELISA Kit

CATALOG # AAA23097	REACTIVITY Human	APPLICATIONS ELISA
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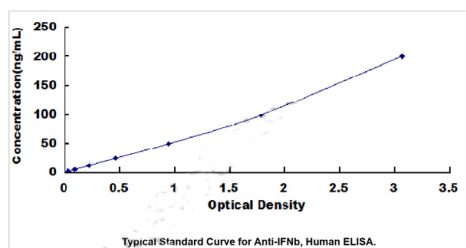
PRODUCT SYNONYMS

Anti-Interferon Beta (Anti-IFN β); Human Anti-Interferon Beta Antibody (Anti-IFN β) ELISA Kit; Interferon Beta; IFN β 1; IFN-B; IFB; IFF; IFNB; Interferon Beta 1 Fibroblast; Anti-IFN β elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Anti-IFN β . No significant cross-reactivity or interference between Anti-IFN β and analogues was observed.
Sequence Length	187
Samples	Human serum, plasma and other biological fluids
Detection Range	3.12-200ng/mL
Sensitivity	< 1.19ng/mL
Applicable Applications for Anti-IFN β elisa kit	ELISA
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level Anti-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 Anti-IFN β 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 Anti-IFN β elisa kit	Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with IFNβ. Standards or samples are then added to the appropriate microtiter plate wells with a Horseradish Peroxidase (HRP)-conjugated secondary antibody. After TMB substrate solution is added, those wells that contain Anti-IFNβ 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 $\pm$ 10nm. The concentration of Anti-IFNβ in the samples is then determined by comparing the O.D. of the samples to the standard curve. Intended Uses: The kit is an enzyme immunoassay for in vitro quantitative measurement of Anti-IFNβ in human serum, plasma and other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4504603
NCBI GeneID	3456
NCBI Accession #	NP_002167.1
NCBI GenBank Nucleotide #	NP_002167.1
UniProt Accession #	P01574
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
UniProt Entry Name	IFNB_HUMAN

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.