

Human interferon, beta 1, fibroblast ELISA Kit | IFNB1 elisa kit

Human Interferon beta, IFN-beta/IFNB ELISA Kit

CATALOG #
AAA80105

REACTIVITY
Human

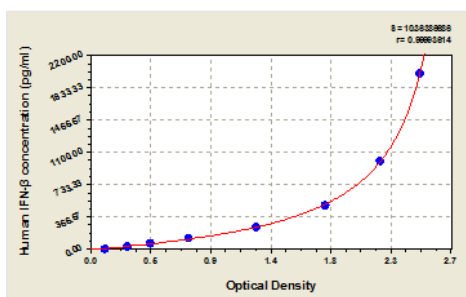
PRODUCT SYNONYMS

interferon; beta 1; fibroblast; Human Interferon beta; IFN-beta/IFNB ELISA Kit; IFB; IFF; IFNB; MGC96956; interferon beta; IFNB1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human IFN-beta. No significant cross-reactivity or interference between human IFN-beta and analogues was observed.
Sequence Length	187
Assay Type	Quantitative Sandwich
Samples	Serum, urine, cell culture supernates, tissue homogenates, cerebrospinal fluid (CSF)
Detection Range	31.25 pg/ml-2000 pg/ml
Sensitivity	< 7.8 pg/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IFNB1 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for 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 removing any unbound substances, a biotin-conjugated antibody specific for IFN-beta is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, 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 intensity of the color is measured.
---	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	4504603
NCBI GeneID	3456
NCBI Accession #	NP_002167.1
NCBI GenBank Nucleotide #	NM_002176.2
UniProt Accession #	P01574; Q5VWC9
Molecular Weight	22,294 Da
NCBI Official Full Name	interferon beta
NCBI Official Synonym Full Names	interferon, beta 1, fibroblast
NCBI Official Symbol	IFNB1
NCBI Official Synonym Symbols	IFB; IFF; IFNB
NCBI Protein Information	interferon beta; IFN-beta; fibroblast interferon
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/ifnb1-human-elisa-kits/interferon-beta-1-fibroblast/80105>