

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

Bovine Interferon beta, IFN-beta/IFNB ELISA Kit

CATALOG # AAA80640	REACTIVITY Bovine
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PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Bovine
Specificity	This assay has high sensitivity and excellent specificity for detection of bovine IFN-beta. No significant cross-reactivity or interference between bovine IFN-beta and analogues was observed.
Sequence Length	186
Samples	Serum, plasma
Assay Type	Quantitative Competitive
Detection Range	8 pg/ml-200 pg/ml
Sensitivity	< 5 pg/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<15%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<15%. 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 competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with goat-anti-rabbit antibody. Standards or samples are added to the appropriate microtiter plate wells with an antibody specific for IFN-beta and Horseradish Peroxidase (HRP) conjugated IFN-beta. The competitive inhibition reaction is launched between with HRP labeled IFN-beta and unlabeled IFN-beta with the antibody. A substrate solution is added to the wells and the color develops in opposite to the amount of IFN-beta in the sample. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	27819624
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NCBI GeneID	281845
NCBI Accession #	NP_776775.1
NCBI GenBank Nucleotide #	NM_174350.1
UniProt Accession #	P01578
Molecular Weight	22,195 Da
NCBI Official Full Name	interferon beta-1
NCBI Official Synonym Full Names	interferon, beta 1, fibroblast
NCBI Official Symbol	IFNB1
NCBI Official Synonym Symbols	IFNb
NCBI Protein Information	interferon beta-1
UniProt Protein Name	Interferon beta-1
UniProt Gene Name	IFNB1
UniProt Entry Name	IFNB1_BOVIN

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/ifnb1-bovine-ovine-elisa-kits/interferon-beta-1-fibroblast/80640>