

Porcine Interferon beta ELISA Kit | IFN-beta elisa kit

Porcine Interferon beta ELISA Kit

CATALOG #
AAA90930

REACTIVITY
Porcine

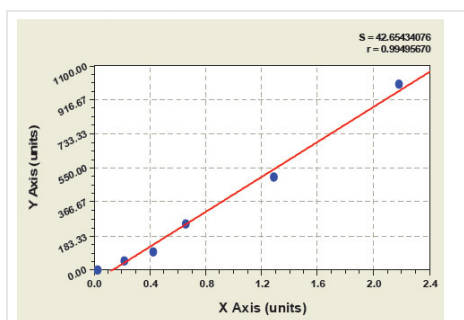
PRODUCT SYNONYMS

Interferon beta; Porcine Interferon beta ELISA Kit; Porcine Interferon b ELISA Kit; IFN-beta elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Porcine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Detection Range	50-1000pg/mL
Sensitivity	1.0pg/mL
Intended Uses	This IFN-beta ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Porcine IFN-beta. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IFN-beta elisa kit

Principle of the Assay: IFN-beta ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for IFN-beta. Standards or samples are then added to the microtiter plate wells and IFN-beta if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of IFN-beta present in the sample, a standardized preparation of horseradish peroxidase (HRP) -conjugated polyclonal antibody, specific for IFN-beta are added to each well to "sandwich" the IFN-beta immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, substrate solutions are added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period. Only those wells that contain IFN-beta and enzyme-conjugated antibody will exhibit a change in color. The enzyme-substrate reaction is terminated by addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The IFN-beta concentration in each sample is interpolated from this standard curve.

Product Categories/Family for IFN-beta elisa kit

Cancer

NCBI AND UNIPROT INFORMATION

NCBI GI #	4504603
NCBI GeneID	3456
NCBI Accession #	NP_002167.1
NCBI GenBank Nucleotide #	NM_002176.2
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.

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Online datasheet: <https://stage.aaabiotech.com/ifn-beta-porcine-elisa-kits/interferon-beta/90930>