

Porcine Interferon alpha ELISA Kit | IFN-alpha elisa kit

Porcine Interferon alpha ELISA Kit

CATALOG #
AAA90481

REACTIVITY
Porcine

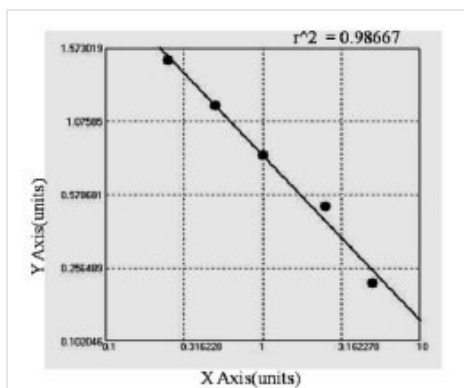
PRODUCT SYNONYMS

Interferon alpha; Porcine Interferon alpha ELISA Kit; Porcine Interferon a ELISA Kit; IFN-alpha 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
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IFN-alpha elisa kit

Intended Uses: This IFNalpha ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Porcine IFNalpha. This ELISA kit for research use only!

Principle of the Assay: IFNalpha ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-IFNalpha antibody and an IFNalpha-HRP conjugate. The assay sample and buffer are incubated together with IFNalpha-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the IFNalpha concentration since IFNalpha from samples and IFNalpha-HRP conjugate compete for the anti-IFNalpha antibody binding site. Since the number of sites is limited, as more sites are occupied by IFNalpha from the sample, fewer sites are left to bind IFNalpha-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The IFNalpha concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	306902
NCBI GeneID	3445
Molecular Weight	21,989 Da
NCBI Official Full Name	interferon-alpha
NCBI Official Synonym Full Names	interferon, alpha 8
NCBI Official Symbol	IFNA8
NCBI Official Synonym Symbols	IFN-alphaB
NCBI Protein Information	interferon alpha-8; IeIF B; IFN-alpha-8; interferon alpha-B; interferon alpha-B'; interferon alpha-B2; interferon alpha type 201
UniProt Protein Name	Interferon alpha-8
UniProt Gene Name	IFNA8
UniProt Synonym Gene Names	IFN-alpha-8; IeIF B
UniProt Entry Name	IFNA8_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://www.aaabiotech.com/ifn-alpha-porcine-elisa-kits/interferon-alpha/90481>