

Pig Interferon alpha ELISA Kit | IFN-alpha elisa kit

Pig Interferon alpha (IFN-alpha) ELISA Kit

CATALOG #
AAA55376

REACTIVITY
Pig

PRODUCT SYNONYMS

Interferon alpha; Pig Interferon alpha (IFN-alpha) ELISA Kit; IFN-alpha elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Pig
Specificity	This assay has high sensitivity and excellent specificity for detection of Pig IFN-alpha. No significant cross-reactivity or interference between Pig IFN-alpha and analogues was observed.
Sequence Length	195
Samples	Serum, plasma and other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	15 pg/mL - 600 pg/mL
Sensitivity	10 pg/mL (mean of 6 independent assays)
Intra-assay Precision	Intra-assay Precision (Precision within an assay) Three samples of known concentration were tested twenty times on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-assay Precision (Precision between assays) Three samples of known concentration were tested in forty separate assays to assess inter-assay precision. CV(%) = SD/meanX100. Inter-Assay: CV<10%
Preparation and Storage	Store at 2-8 degree C.

ADDITIONAL INFORMATION

Related Product Information for IFN-alpha elisa kit	Intended Uses: For the quantitative detection of Pig Interferon alpha (IFN-alpha) concentration in serum, plasma and other biological fluids. Principle of the Assay: This assay employs a two-site sandwich enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with an antibody specific to IFN-alpha. Standards or samples are then added to the appropriate microtiter plate wells with a Horseradish Peroxidase (HRP)-conjugated antibody preparation specific for IFN-alpha and incubated. Then substrate solution A and B are added to each well. Only those wells that contain IFN-alpha, HRP-Conjugated antibody will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of IFN-alpha in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	386800
NCBI GeneID	3467
Molecular Weight	22,319 Da
NCBI Official Full Name	interferon-alpha

NCBI Official Synonym Full Names	interferon, omega 1
NCBI Official Symbol	IFNW1
NCBI Protein Information	interferon omega-1; interferon alpha-II-1; IFN-omega 1, interferon omega-1
UniProt Protein Name	Interferon omega-1
UniProt Gene Name	IFNW1
UniProt Entry Name	IFNW1_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-pig-elisa-kits/interferon-alpha/55376>