

Pig Interferon Gamma (IFNg) ELISA Kit | IFNg elisa kit

Pig Interferon Gamma (IFNg) Mini Samples ELISA Kit

CATALOG #
AAA147306

REACTIVITY
Pig

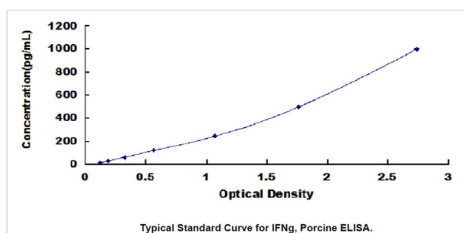
PRODUCT SYNONYMS

Interferon Gamma (IFNg); Pig Interferon Gamma (IFNg) Mini Samples ELISA Kit; IFN-G; IFG; IFI; INFr; IFN; Immune Interferon; IFNg elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Pig
Specificity	This assay has high sensitivity and excellent specificity for detection of IFNg. No significant cross-reactivity or interference between IFNg and analogues was observed.
Sequence Length	166
Assay Type	Quantitative Sandwich
Samples	Porcine serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids
Detection Range	15.6-1,000pg/mL
Sensitivity	< 6.2pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level IFNg were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level IFNg were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IFNg elisa kit

Principle of the Assay: The microplate provided in this kit has been pre-coated with an antibody specific to IFNg. Standards or samples are then added to the appropriate microplate wells with a biotin-conjugated antibody specific to IFNg. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain IFNg, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm $\pm$ 10nm. The concentration of IFNg in the samples is then determined by comparing the O.D. of the samples to the standard curve.

Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of IFNg in porcine serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids.

Product Categories/Family for IFNg elisa kit	Cytokine; Infection immunity
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NCBI AND UNIPROT INFORMATION

NCBI GI #	47522726
NCBI GeneID	396991
NCBI Accession #	NP_999113.1
NCBI GenBank Nucleotide #	NM_213948.1
UniProt Accession #	P17803; Q53ZP3
Molecular Weight	19,419 Da
NCBI Official Full Name	interferon gamma
NCBI Official Symbol	IFNG
NCBI Protein Information	interferon gamma
UniProt Protein Name	Interferon gamma
UniProt Gene Name	IFNG
UniProt Synonym Gene Names	IFN-gamma

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/pig-elisa-kits/interferon-gamma-ifng/147306>