

Porcine Interferon epsilon (IFNE) ELISA Kit | IFNE elisa kit

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CATALOG #
AAA245060

REACTIVITY
Porcine

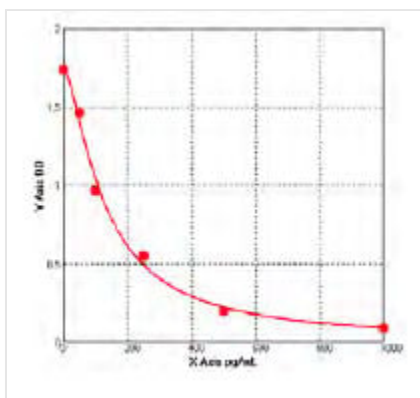
PRODUCT SYNONYMS

Interferon epsilon (IFNE); Porcine Interferon epsilon (IFNE) ELISA Kit; IFNE elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Porcine
Samples	Serum, Plasma, Cell Culture Supernatants, Body Fluid And Tissue Homogenate
Assay Type	Quantitative Competitive or Sandwich
Sensitivity	1.0 pg/mL.
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IFNE elisa kit

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

Principle of the Assay: IFNgamma ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-IFNgamma antibody and an IFNgamma-HRP conjugate. The assay sample and buffer are incubated together with IFNgamma-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 IFNgamma concentration since IFNgamma from samples and IFNgamma-HRP conjugate compete for the anti-IFNgamma antibody binding site. Since the number of sites is limited, as more sites are occupied by IFNgamma from the sample, fewer sites are left to bind IFNgamma-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The IFNgamma concentration in each sample is interpolated from this standard curve.

Product Categories/Family for IFNE elisa kit	Immunology
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NCBI AND UNIPROT INFORMATION

NCBI GI #	28882045
NCBI GeneID	338376
NCBI Accession #	NP_795372.1
NCBI GenBank Nucleotide #	NM_176891.4
Molecular Weight	24,414 Da
NCBI Official Full Name	interferon epsilon
NCBI Official Synonym Full Names	interferon, epsilon
NCBI Official Symbol	IFNE
NCBI Official Synonym Symbols	IFN-E; IFNE1; IFNT1; INFE1; PRO655
NCBI Protein Information	interferon epsilon; IFN-epsilon; interferon tau-1; interferon-epsilon; interferon epsilon 1; interferon epsilon-1
UniProt Protein Name	Interferon epsilon
UniProt Gene Name	IFNE
UniProt Synonym Gene Names	IFNE1; UNQ360/PRO655; IFN-epsilon
UniProt Entry Name	IFNE_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
 Online datasheet: <https://stage.aaabiotech.com/porcine-elisa-kits/interferon-epsilon-ifne/245060>