

Human Interferon epsilon ELISA Kit | IFNE elisa kit

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CATALOG #
AAA102538

REACTIVITY
Human

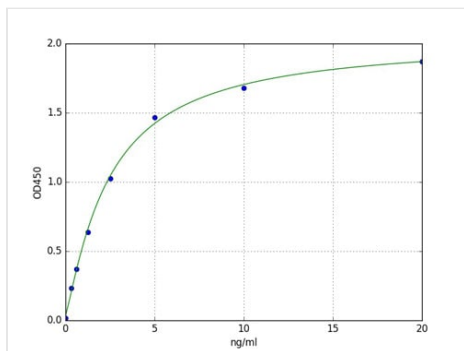
PRODUCT SYNONYMS

Interferon epsilon; Human Interferon epsilon ELISA Kit; IFNE/IFN-epsilon/Interferon epsilon-1; IFNE elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	208
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	15.625-1000pg/ml
Sensitivity	9.375pg/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

Typical Data & Standard Curve

Results of a typical standard run of a Human IFNE ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	ng/ml	0	0.313	0.625	1.25	2.5	5	10	20
Y	OD450	0.010	0.114	0.220	0.446	0.889	1.408	2.207	2.475

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IFNE elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. anti-Human IFNE antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human IFNE antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Human IFNE amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human IFNE can be calculated.

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
UniProt Protein Name	Interferon epsilon
UniProt Gene Name	IFNE
UniProt Synonym Gene Names	IFNE1; 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/ifne-human-elisa-kits/interferon-epsilon/102538>