

Interferon Epsilon (IFNe) CLIA Kit | IFNe clia kit

CLIA Kit for Interferon Epsilon (IFNe)

CATALOG #
AAA130190

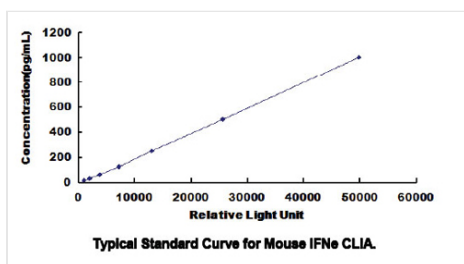
PRODUCT SYNONYMS

Interferon Epsilon (IFNe); CLIA Kit for Interferon Epsilon (IFNe); IFNe clia kit

PRODUCT SPECIFICATIONS

Specificity	This assay has high sensitivity and excellent specificity for detection of Interferon Epsilon (IFNe) No significant cross-reactivity or interference between Interferon Epsilon (IFNe) and analogues was observed.
Sequence Length	208
Assay Type	Sandwich
Samples	Serum, plasma and other biological fluids
Detection Range	1.372-1000pg/mL The standard curve concentrations used for the ELISA's were 1000pg/mL, 333.33pg/mL, 111.11pg/mL, 37.04pg/mL, 12.346pg/mL, 4.115pg/mL, 1.372pg/mL
Sensitivity	The minimum detectable dose of this kit is typically less than 5.3pg/mL
Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level Interferon Epsilon (IFNe) were tested 20 times on one plate, respectively. Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level Interferon Epsilon (IFNe) were tested on 3 different plates, 8 replicates in each plate. $CV(\%) = SD/mean \times 100$ Intra-Assay: $CV < 10\%$ Inter-Assay: $CV < 12\%$
Organism Species	Mus musculus (Mouse)
Assay Length	4.5 hours
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IFNe clia kit	The microtiter plate provided in this kit has been pre-coated with an antigen. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated secondary antibody. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then the mixture of substrate A and B is added to generate glow light emission kinetics. Upon plate development, the intensity of the emitted light is proportional to the Interferon Epsilon (IFNe) level in the sample or standard.
---	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	28882045
NCBI GeneID	338376
NCBI Accession #	NP_795372.1
NCBI GenBank Nucleotide #	NM_176891.4
UniProt Accession #	Q86WN2
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; 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/clia-kits/interferon-epsilon-ifne/130190>