

Human interferon, epsilon ELISA Kit | IFNE elisa kit

Human Interferon epsilon, IFNE ELISA Kit

 CATALOG #
AAA18164

 REACTIVITY
Human

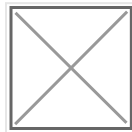
PRODUCT SYNONYMS

interferon; epsilon; Human Interferon epsilon; IFNE ELISA Kit; Human Interferon epsilon (IFNE) ELISA kit; IFN-E; IFNE1; IFNT1; MGC119018; MGC119020; PRO655; IFN-epsilon; interferon epsilon 1; interferon tau-1; interferon-epsilon; IFNE elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human IFNE. No significant cross-reactivity or interference between human IFNE and analogues was observed.
Sequence Length	208
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, tissue homogenates
Detection Range	15.6 pg/ml-1000 pg/ml
Sensitivity	< 3.9 pg/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IFNE elisa kit

Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for IFNE has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any IFNE present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for IFNE is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of IFNE bound in the initial step. The color development is stopped and the intensity of the color is measured.

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; 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.

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Online datasheet: <https://stage.aaabiotech.com/ifne-human-elisa-kits/interferon-epsilon/18164>