

Rat Interferon alpha, IFN-alpha ELISA Kit | IFN-alpha elisa kit

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CATALOG #
AAA42218

REACTIVITY
Rat

PRODUCT SYNONYMS

Interferon alpha; IFN-alpha; Rat Interferon alpha; IFN-alpha ELISA Kit; IFN-alpha elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	195
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.5ng/L - 150ng/L
Sensitivity	0.22ng/L
Intra-Assay	CV<8%
Inter-Assay	CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IFN-alpha elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of Rat Interferon Alpha (also known as IFN-?) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principles of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Rat IFN-? antibody. IFN-? present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Rat IFN-? Antibody is added and binds to IFN-? in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated IFN-? antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Rat IFN-?. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	386800
NCBI GeneID	3467
Molecular Weight	22,319 Da
NCBI Official Full Name	interferon-alpha
NCBI Official Synonym Full Names	interferon omega 1
NCBI Official Symbol	IFNW1
NCBI Protein Information	interferon omega-1
UniProt Protein Name	Interferon omega-1
UniProt Gene Name	IFNW1

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/rat-elisa-kits/interferon-alpha-ifn-alpha/42218>