

Rat IFN-alpha (Interferon alpha) CLIA Kit | IFN-a clia kit

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CATALOG #
AAA171390

REACTIVITY
Rat

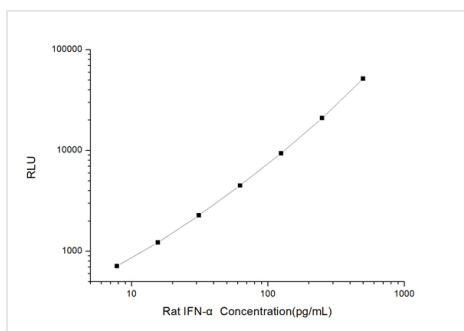
PRODUCT SYNONYMS

IFN-alpha (Interferon alpha); Rat IFN-alpha (Interferon alpha) CLIA Kit; Rat IFN-a (Interferon a) CLIA Kit; Rat IFN-a; IFN-a clia kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This kit recognizes natural and recombinant IFN-alpha. No significant cross-reactivity or interference between IFN-alpha and analogues was observed.
Sequence Length	195
Assay Type	Sandwich
Detection Range	7.813-500pg/mL
Sensitivity	Min: 4.688pg/mL; Max: 500pg/mL

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IFN-a clia kit

Intended Uses: This CLIA kit applies to the in vitro quantitative determination of IFN-alpha concentrations in serum, plasma and other biological fluids.

Principle of the Assay: This kit uses Sandwich-CLIA as the method. The micro CLIA plate provided in this kit has been pre-coated with an antibody specific to IFN-alpha. Standards or samples are added to the appropriate micro CLIA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for IFN-alpha and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain IFN-alpha, biotinylated detection antibody and Avidin-HRP conjugate will appear fluorescence. The Relative light unit (RLU) value is measured spectrophotometrically by the Chemiluminescence immunoassay analyzer. The RLU value is positively associated with the concentration of IFN-alpha. You can calculate the concentration of IFN-alpha in the samples by comparing the RLU value of the samples to the standard curve.

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
UniProt Entry Name	IFNW1_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/ifn-a-rat-clia-kits/ifn-alpha-interferon-alpha/171390>