

Bovine Interferon Alpha (IFNa) CLIA Kit | IFNa clia kit

Bovine Interferon Alpha (IFNa) CLIA Kit

CATALOG # AAA188789	REACTIVITY Bovine	APPLICATIONS CLIA (Chemiluminescence Immunoassay)
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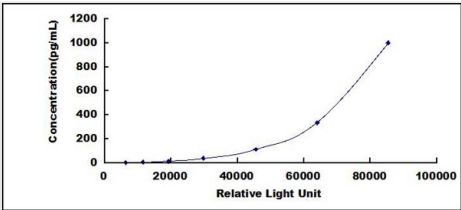
PRODUCT SYNONYMS

Interferon Alpha (IFNa); Bovine Interferon Alpha (IFNa) CLIA Kit; Interferon Alpha; IFNA1; IFL; LeIF D; IFN; IFN-Alpha; IFNA13; IFN-A; IFNAP22; IFN-Alpha 1b; Interferon Alpha 1b; Interferon; Leukocytic; Leukocyte; Interferon alpha-D; IFNa clia kit

PRODUCT SPECIFICATIONS

Reactivity	Bovine
Specificity	This assay has high sensitivity and excellent specificity for detection of Interferon Alpha (IFNa). No significant cross-reactivity or interference between Interferon Alpha (IFNa) and analogues was observed.
Sequence Length	189
Assay Type	Double-antibody Sandwich
Samples	Serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids
Detection Range	1.37-1,000pg/mL
Sensitivity	The minimum detectable dose of this kit is typically less than 0.50pg/mL
Applicable Applications for IFNa clia kit	CLIA (Chemiluminescence Immunoassay)
Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level Interferon Alpha (IFNa) were tested 20 times on one plate, respectively. Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level Interferon Alpha (IFNa) were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100 Intra-Assay: CV<10% Inter-Assay: CV<12%
Test Principle	The microplate provided in this kit has been pre-coated with an antibody specific to Interferon Alpha (IFNa). Standards or samples are then added to the appropriate microplate wells with a biotin-conjugated antibody specific to Interferon Alpha (IFNa). 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 Alpha (IFNa) level in the sample or standard.
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)

NCBI AND UNIPROT INFORMATION

NCBI GI #	124430
UniProt Accession #	P07348
NCBI Official Full Name	Interferon alpha-1
UniProt Protein Name	Interferon alpha-1

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/bovine-ovine-clia-kits/interferon-alpha-ifna/188789>