Rat IFNa (Interferon Alpha) ELISA Kit | IFNa elisa kit

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CATALOG #	REACTIVITY
AAA270184	**Rat**

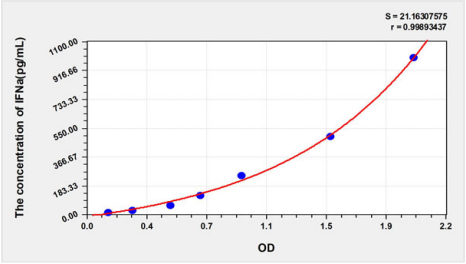
PRODUCT SYNONYMS

IFNa (Interferon Alpha); Rat IFNa (Interferon Alpha) ELISA Kit; IFNalpha1; IFL; LeIF D; IFN; IFN-Alpha; IFNalpha13; IFN-A; IFNalphaP22; IFN-Alpha 1b; Interferon Alpha 1b; Interferon; Leukocytic; Leukocyte; Interferon alpha-D; IFNa elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Samples	Serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids
Assay Type	Sandwich
Detection Range	15.63-1000 pg/mL
Sensitivity	5.8 pg/mL
Intra-assay Precision	CV%<8%
Inter-assay Precision	CV%<10%
Preparation and Storage	Store at 2-8 degree C. Stable for 6 months from date of receipt.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IFNa elisa kit	Principle of the assay: The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Interferon Alpha(IFNa). Standards or samples are added to the appropriate microtiter plate wells then 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. After TMB substrate solution is added, only those wells that contain Interferon Alpha(IFNa), biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm ± 10nm. The concentration of Interferon Alpha(IFNa) in the samples is then determined by comparing the OD of the samples to the standard curve.
Product Categories/Family for IFNa elisa kit	Cytokine; Infection immunity

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://www.aaabiotech.com/rat-elisa-kits/ifna-interferon-alpha/270184