

Rat Interferon-alpha Antibody ELISA Kit | INF-alpha-Ab elisa kit

Rat Interferon-alpha Antibody ELISA Kit

CATALOG #
AAA99810

REACTIVITY
Rat

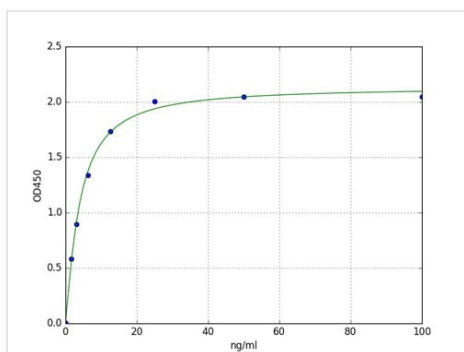
PRODUCT SYNONYMS

Interferon-alpha Antibody; Rat Interferon-alpha Antibody ELISA Kit; INF-alpha-Ab ; Interferon-a Antibody; INF-alpha-Ab elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Assay Type	Sandwich ELISA, Double Antigen
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	1.563-100ng/ml
Sensitivity	0.938ng/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Typical Data & Standard Curve

Results of a typical standard run of a Rat INF- α -Ab ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	ng/ml	0	1.563	3.125	6.25	12.5	25	50	100
Y	OD450	0.004	0.531	0.881	1.321	1.730	2.571	1.719	2.067

Standard Curve (Sample)

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for INF-alpha-Ab elisa kit

Principle of the Assay||This ELISA kit uses Sandwich-ELISA as the method. The micro ELISA plate provided in this kit has been pre-coated with an antigen specific to Rat INF-alpha-Ab. Standards or samples are then added to the appropriate micro ELISA plate wells and combined to the specific antigen. Then a biotinylated detection antigen specific for Rat INF-alpha-Ab and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Rat INF-alpha-Ab, biotinylated detection antigen and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color turn yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The OD value is proportional to the concentration of Rat INF-alpha-Ab. You can calculate the concentration of Rat INF-alpha-Ab in the samples by comparing the OD of the samples to the standard curve.

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.

