

Rat Interferon alpha-1 ELISA Kit | Ifna1 elisa kit

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CATALOG #
AAA56462

REACTIVITY
Rat

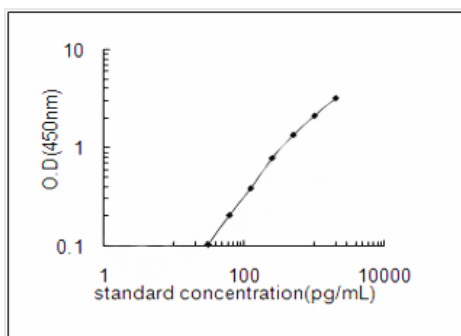
PRODUCT SYNONYMS

Interferon alpha-1; Rat Interferon alpha-1 ELISA Kit; Ifna1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay recognizes recombinant and natural rat Interferon alpha-1. No significant cross-reactivity or interference was observed.
Sequence Length	189
Assay Type	Sandwich
Detection Range	31.2-2000 pg/ml
Sensitivity	15.6 pg/mL
Intra-Assay CV	<=4.5%
Inter-Assay CV	<=8.1%
Recovery	87%
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Ifna1 elisa kit

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to Interferon alpha-1. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for Interferon alpha-1 and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain Interferon alpha-1, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of Interferon alpha-1 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	62339349
NCBI GeneID	298210
NCBI Accession #	NP_001014786.1
NCBI GenBank Nucleotide #	NM_001014786.1
UniProt Accession #	P05011
Molecular Weight	21,935 Da
NCBI Official Full Name	interferon alpha-1
NCBI Official Synonym Full Names	interferon-alpha 1
NCBI Official Symbol	Ifna1
NCBI Official Synonym Symbols	IFN-alpha1
NCBI Protein Information	interferon alpha-1
UniProt Protein Name	Interferon alpha-1
UniProt Gene Name	Ifna1
UniProt Entry Name	IFNA1_RAT

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/ifna1-rat-elisa-kits/interferon-alpha-1/56462>