

Human Interferon Alpha ELISA Kit | IFN Alpha elisa kit

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CATALOG #
AAA85576

REACTIVITY
Human

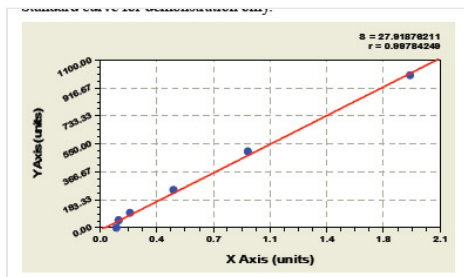
PRODUCT SYNONYMS

Interferon Alpha; Human Interferon Alpha ELISA Kit; IFN Alpha elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive or Sandwich
Detection Range	50-1000 pg/mL
Sensitivity	1.0 pg/mL
Intended Uses	This alpha IFN ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human alpha IFN. This ELISA kit for research use only, not for therapeutic applications
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



ADDITIONAL INFORMATION

Related Product Information for IFN Alpha elisa kit

Principle of the Assay: alpha IFN ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for alpha IFN. Standards or samples are then added to the microtiter plate wells and alpha IFN if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of alpha IFN present in the sample, a standardized preparation of horseradish peroxidase (HRP)-conjugated polyclonal antibody, specific for alpha IFN are added to each well to "sandwich" the alpha IFN immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, substrate solutions are added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period. Only those wells that contain alpha IFN and enzyme-conjugated antibody will exhibit a change in color. The enzyme-substrate reaction is terminated by addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The alpha IFN concentration in each sample is interpolated from this standard curve.

Product Categories/Family for IFN Alpha elisa kit

Cancer

NCBI AND UNIPROT INFORMATION

NCBI GI #	306902
NCBI GeneID	3445
Molecular Weight	21,989 Da
NCBI Official Full Name	interferon-alpha
NCBI Official Synonym Full Names	interferon, alpha 8
NCBI Official Symbol	IFNA8
NCBI Official Synonym Symbols	IFN-alphaB
NCBI Protein Information	interferon alpha-8; leIF B; IFN-alpha-8; interferon alpha-B; interferon alpha-B'; interferon alpha-B2; interferon alpha type 201
UniProt Protein Name	Interferon alpha-8
UniProt Gene Name	IFNA8
UniProt Synonym Gene Names	IFN-alpha-8; LeIF B
UniProt Entry Name	IFNA8_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://www.aaabiotech.com/ifn-alpha-human-elisa-kits/interferon-alpha/85576>