

Human IFN γ ELISA Kit | IFN γ elisa kit

IFN γ Human ELISA Kit

CATALOG # AAA58943	REACTIVITY Human	APPLICATIONS ELISA
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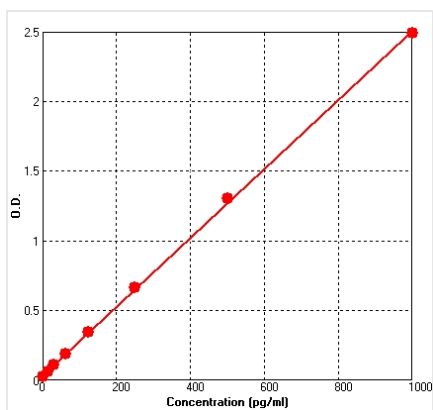
PRODUCT SYNONYMS

IFN γ ; IFN γ Human ELISA Kit; Human IFN γ ; IFN γ elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Assay Type	Sandwich
Detection Range	15.6 pg/ml-1000 pg/ml
Sensitivity	< 2pg/ml
Applicable Applications for IFN γ elisa kit	ELISA
Preparation and Storage	Store at 2-8 degree C for 4 months, or at -20 degree C for 8 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IFN γ elisa kit	Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-IFNγ polyclonal antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-IFNγ polyclonal antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. Avidin-Biotin-Peroxidase Complex was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the IFNγ amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of IFNγ can be calculated. Background: Interferon-gamma (IFN-γ), early in its history was known as immune interferon, was recognized in 1970. It dimerized soluble cytokine and is the only member of the type II class of interferons. The IFN-γ monomer consists of a core of six α-helices and an extended unfolded sequence in the C-terminal region. It is produced predominantly by natural killer (NK) and natural killer T (NKT) cells. It is critical for innate and adaptive immunity against viral and intracellular bacterial infections and for tumor control. Interferon-gamma 1b is used to treat chronic granulomatous disease and osteopetrosis.
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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/human-elisa-kits/ifnr/58943>