

Human Interferon Lambda (IFN-lambda) ELISA Kit | IFN-lambda elisa kit

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CATALOG #
AAA247624

REACTIVITY
Human

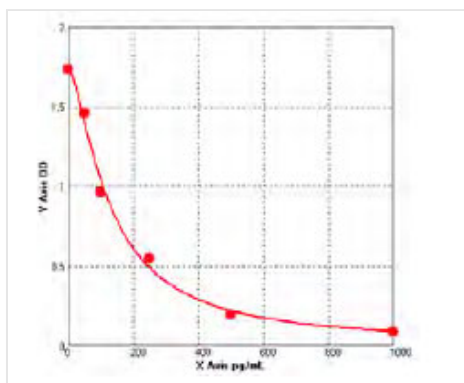
PRODUCT SYNONYMS

Interferon Lambda (IFN-lambda); Human Interferon Lambda (IFN-lambda) ELISA Kit; IFN-lambda elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of IFN-lambda. No significant cross-reactivity or interference between IFN-lambda and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between IFN-lambda and all the analogues, therefore, cross reaction may still exist in some cases.
Assay Type	Quantitative Competitive
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Sensitivity	1.0 pg/mL
Intra-Assay	CV<10%
Inter-Assay	CV<15%
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IFN-lambda elisa kit	Principle of the Assay: IFN-lambda ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-IFN-lambda antibody and an IFN-lambda-HRP conjugate. The assay sample and buffer are incubated together with IFN-lambda-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the IFN-lambda concentration since IFN-lambda from samples and IFN-lambda-HRP conjugate compete for the anti-IFN-lambda antibody binding site. Since the number of sites is limited, as more sites are occupied by IFN-lambda from the sample, fewer sites are left to bind IFN-lambda-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The IFN-lambda concentration in each sample is interpolated from this standard curve. Intended Uses: This IFN-lambda ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human IFN-lambda. This ELISA kit for research use only, not for therapeutic or test applications!
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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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/interferon-lambda-ifn-lambda/247624>