VeriKine Human Interferon Alpha Multi-Subtype Serum ELISA Kit

The VeriKine™ Human Interferon Alpha Multi-Subtype Serum ELISA kit is designed to provide accurate detection of human IFN-alpha in serum and plasma samples.

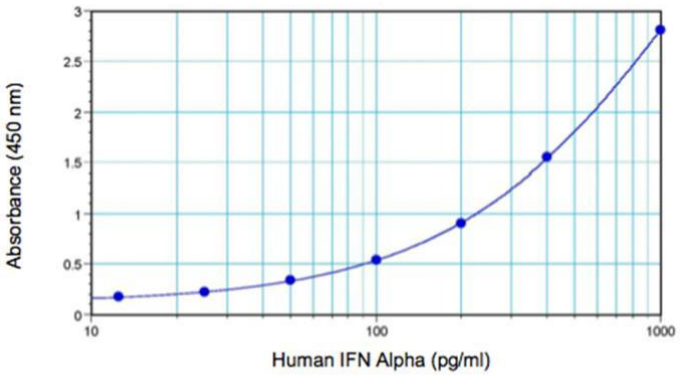
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PBL-41110-1	96 wells
PBL-41110-2	96 wells

Manuals, SDS & CofA View Online »

- Human IFN-Alpha ELISA kit for measuring global human interferon alpha amount in serum, plasma, and tissue culture media (TCM)
- Greater than 90% spike recovery in normal human serum
- ELISA assay detects 11 of 12 major human IFN-alpha subtypes
- Less than 10% inter and intra-assay CV



Representative IFN-Alpha standard curve from 12.5 pg/ml to 1,000 pg/ml in standard diluent

Spike Recovery Matrix	Low (30 pg/ml)	Medium (300 pg/ml)	High (800 pg/ml)
Normal human serum	94%	100%	96%
Normal human plasma (Na-Citrate)	70%	112%	110%
Normal human plasma (Na-Heparin)	95%	106%	101%
Normal human plasma (Na-EDTA)	60%	86%	84%

Spike-Recovery of IFN-Alpha in different matrices

Handling & Storage

Long Term Storage	+4°C
Shipping	Blue Ice

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	IFN-α, Interferon-α
Application	ELISA
Application Notes	Quantitative determination of Hu-IFN alpha A, 2, A/D, B2, C, D, G, H, I, J1, K, 1, 4b and WA in tissue culture media
Assay Time	Incubation time: 3 hours 15 minutes
Contents	Pre-coated microtiter plate(s), Plate Sealers, Wash Solution Concentrate, Human Interferon Alpha Standard (10,000 pg/ml), Sample Diluent, Antibody Concentrate, HRP Conjugate Concentrate, Concentrate Diluent, TMB Substrate, Stop Solution, Dilution Buffer
Crossreactivity	No cross reactivity with human interferon beta, gamma, omega; mouse or rat interferon alpha, beta, gamma; or bovine interferon tau.
Sensitivity	12.5 – 1000 pg/ml
Species Reactivity	Human

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