IFN-γ (human), ELISA kit

Ultrasensitive IFN-Gamma ELISA kit measuring natural and recombinant human IFN-γ, < 2 pg/ml

This IFN-gamma ELISA kit is a colorimetric immunometric enzyme immunoassay kit with results in 3 hours. Absorbance is read at 450 nm.

Human interferon-γ (IFN-γ) is an inflammatory cytokine secreted by T lymphocytes and natural killer (NK) cells. IFN-γ is primarily characterized as an activator of macrophages, and is the principle cytokine produced by CD4+ inflammatory TH1 cells. IFN-γ signals are transmitted via a heterodimeric IFNGR1/IFNGR2 receptor which activates transcription of immunoregulatory genes via the Jak/Stat pathway.

Citations: 5 View Online »

Ordering Information

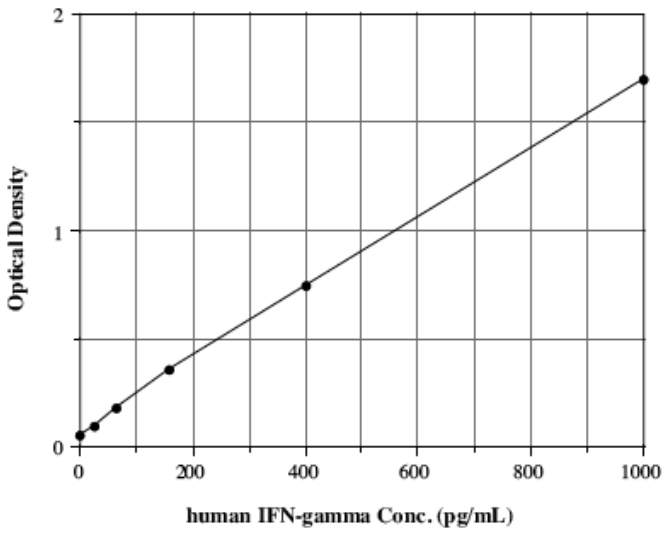
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ADI-900-136	96 wells

Manuals, SDS & CofA

View Online »

- Ultrasensitive - quantify < 2 pg/ml
- Efficient - only 50 µL diluted sample needed per well
- Specific - measure natural and recombinant human IFN-γ
- Results from up to 37 samples in duplicate in just 3 hours



IFN-γ (human), ELISA kit Kit graph

Handling & Storage

Long Term Storage	+4°C
Shipping	Blue Ice

Regulatory Status RUO - Research Use Only

Product Details

Alternative Name	Interferon-γ
Application	Colorimetric detection, ELISA
Application Notes	For the quantitative determination of human IFN-γ in culture supernatants, plasma, serum, and urine.
Assay Time	3 hours
Compatibility	This product is compatible with the **Absorbance 96 Plate Reader**.
Contents	Microtiter plate, SA-HRP concentrate, SA-HRP dilution buffer, Biotinylated antibody, Standard, Standard diluent, Wash buffer concentrate, TMB Substrate, Stop solution
Sensitivity	< 2 pg/ml (range 25.6 - 1,000 pg/ml)
Species Reactivity	Human
Technical Info / Product Notes	**Cited samples:** Cytokine ELISAs Cited Samples
UniProt ID	P01579
Wavelength	450 nm

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