

# IFN- $\gamma$ (human), ELISA kit

## Ultrasensitive IFN-Gamma ELISA kit measuring natural and recombinant human IFN- $\gamma$ , < 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- $\gamma$  (IFN- $\gamma$ ) is an inflammatory cytokine secreted by T lymphocytes and natural killer (NK) cells. IFN- $\gamma$  is primarily characterized as an activator of macrophages, and is the principle cytokine produced by CD4+ inflammatory TH1 cells. IFN- $\gamma$  signals are transmitted via a heterodimeric IFN $\gamma$ R1/IFN $\gamma$ R2 receptor which activates transcription of immunoregulatory genes via the Jak/Stat pathway.

Citations: 5

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

## Ordering Information

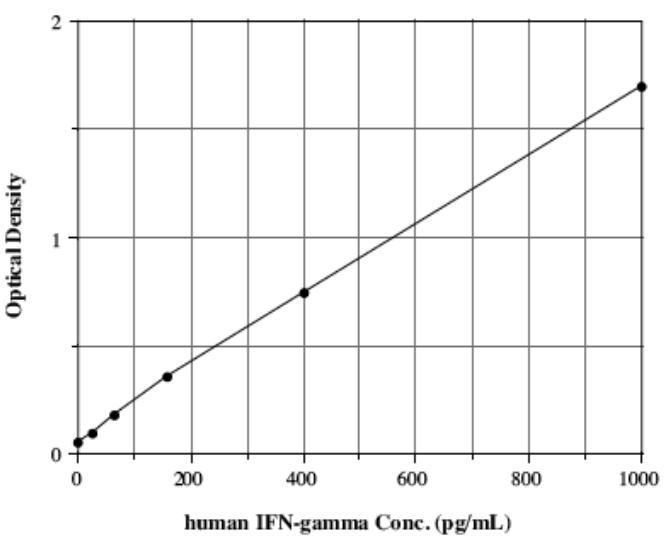
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ADI-900-136

96 wells

## Manuals, SDS & CofA

[View Online »](#)



IFN- $\gamma$  (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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