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# **IFNGR1 ELISA Kit**





## Overview

Quantity:	96 tests
Target:	IFNGR1
Reactivity:	Human
Method Type:	Sandwich ELISA
Detection Range:	24-6000 pg/mL
Minimum Detection Limit:	24 pg/mL
Application:	ELISA

### **Product Details**

Product Details	
Purpose:	Human IFN-gamma R1 ELISA Kit for serum, plasma, and cell culture supernatant samples.
Sample Type:	Plasma, Cell Culture Supernatant, Serum
Analytical Method:	Quantitative
Detection Method:	Colorimetric
Specificity:	Cross Reactivity: This ELISA kit shows no cross-reactivity with the following cytokines tested: human ALK-1, B7-H2, BLAME, BMP-8, CD28, Common beta Chain (CD131), Contactin-1, Desmoglein-1, Desmoglein-3, EDAR, EphA1, EphB6, Ephrin-B3, Epiregulin, FGF-12, FGF-17, FOLR2, Galectin-8, Glypican 1, Glypican 5, GHR, IL-22 R alpha 1, IL-22BP, IL-23 R, IL-31 RA, IL-7R alpha, Integrin alpha 5, MDM2, Nectin-1, NKp30, Nogo Receptor, Notch-3, OSM R beta, Prolactin R, RELT, Ryk, Semaphorin 6D, Semaphorin 7A, Siglec-11.
Characteristics:	<ul> <li>Strip plates and additional reagents allow for use in multiple experiments</li> <li>Quantitative protein detection</li> </ul>

## **Product Details**

- · Establishes normal range
- · The best products for confirmation of antibody array data

#### Components:

- · Pre-Coated 96-well Strip Microplate
- · Wash Buffer
- · Stop Solution
- · Assay Diluent(s)
- · Lyophilized Standard
- · Biotinylated Detection Antibody
- · Streptavidin-Conjugated HRP
- · TMB One-Step Substrate

#### Material not included:

- Distilled or deionized water
- Precision pipettes to deliver 2 μL to 1 μL volumes
- Adjustable 1-25 µL pipettes for reagent preparation
- 100 µL and 1 liter graduated cylinders
- · Tubes to prepare standard and sample dilutions
- · Absorbent paper
- Microplate reader capable of measuring absorbance at 450nm
- · Log-log graph paper or computer and software for ELISA data analysis

# **Target Details**

Target:	IFNGR1
Alternative Name:	IFN-gamma R1 (IFNGR1 Products)
Gene ID:	3459
UniProt:	P15260
Pathways:	Interferon-gamma Pathway

## **Application Details**

Application Notes:	Recommended Dilution for serum and plasma samples2 fold
Sample Volume:	100 μL
Plate:	Pre-coated
Protocol:	<ol> <li>Prepare all reagents, samples and standards as instructed in the manual.</li> <li>Add 100 μL of standard or sample to each well.</li> <li>Incubate 2.5 h at RT or O/N at 4 °C.</li> <li>Add 100 μL of prepared biotin antibody to each well.</li> </ol>

5. Incubate 1 h at RT.

- 6. Add 100  $\mu L$  of prepared Streptavidin solution to each well.
- 7. Incubate 45 min at RT.
- 8. Add 100  $\mu L$  of TMB One-Step Substrate Reagent to each well.
- 9. Incubate 30 min at RT.
- 10. Add 50 µL of Stop Solution to each well.
- 11. Read at 450 nm immediately.

Restrictions:

For Research Use only

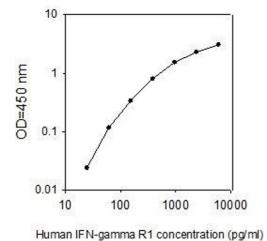
# Handling

Storage:	-20 °C
Storage Comment:	The entire kit may be stored at -20°C for up to 1 year from the date of shipment. Avoid repeated freeze-thaw cycles. The kit may be stored at 4°C for up to 6 months. For extended storage, it is
	recommended to store at -80°C.

Expiry Date:

6 months

# **Images**



ELISA

Image 1.

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