**HUMAN INTERFERON ALPHA (Hu-IFN-α) ELISA KIT**

Product Number: **41100-1**

Size: **single-plate kit**

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**Lot Number:**

**Quantity Shipped:**

**Date Shipped:**

**Storage Conditions:** Keep at 4°C for greatest stability.

**Range:** 10-500 pg/ml for the high sensitivity protocol. 40-5000 pg/ml for the extended range protocol.

**Speed:** Incubation time, 3 hours 15 minutes.

**Specificity:** Human IFN-αA, α2, αA/D, αD, αK, and α4b. No cross-reactivity with human IFN-γ or human IFN-β. No cross-reactivity with mouse or rat IFN-α, IFN-β, or IFN-γ.

**Sample Type:** Natural or recombinant human IFN-α in solution or tissue culture media (containing FBS).

**Sample Size:** 100 µl

**Specifications:** This kit quantitates human interferon alpha using a sandwich immunoassay. The kit is based on an ELISA with anti-secondary antibody conjugated to horseradish peroxidase (HRP). Tetramethylbenzidine (TMB) is the substrate. All reagents are supplied. One pre-coated, microtiter breakaway strip plate (96 wells) is included.

The specific activity of the interferon used as the standard in the kit is based on the international standard for human interferon alpha (Hu-IFN-α) provided by the National Institutes of Health. A typical standard curve for each lot and a microtiter plate worksheet are included with the procedure.

**Quality Control:** Standard written procedures are followed in the preparation of all ELISA kits. Each group of ELISA kits is assigned a lot number. Sample kits from each lot are retained for periodic evaluation. Kits are guaranteed for six months from the date of production.


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This Product Is For Research Use Only. It Is Not For Human Use.