



promising results

GTCTCTTACC CCGATGTTCA ACCAAAAG ACTTACTACC TTTATTTTAT GTTTACTTTT TATAGATTGT CTTTTTATC
TCTCTACTGC CGTGCACAA AACTAAAG AAAACAGTGA AATACTACTA CATCAAAACG CATATTCCCT AGAAAAAA

RABBIT POLYCLONAL ANTIBODY AGAINST HUMAN INTERFERON ALPHA

Product Number: **31130-1**

Lot Number:

Size: $\geq 2 \times 10^4$ Neutralizing Units

Description: Rabbit Anti-Human Interferon Alpha

Contents: 2×10^4 units/vial

Volume: ml

Activity: x10 NU / ml

Concentration: mg/ml (estimate)

Form: Neat serum diluted in Phosphate Buffered Saline (PBS)

Antigen: Recombinant human interferon alpha A, alpha B2, and alpha F

Assay Used to Measure Bioactivity: One neutralization unit is the amount of antiserum required to neutralize one unit of human interferon alpha (Hu-IFN- α) to a 50% endpoint. Interferon was titrated with the use of the cytopathic effect inhibition assay as described [Rubinstein, S., Familletti, P.C., and Pestka, S. (1981) "Convenient Assay for Interferons," *J. Virol.* **37**, 755-758; Familletti, P.C., Rubinstein, S., and Pestka, S. (1981) "A Convenient and Rapid Cytopathic Effect Inhibition Assay for Interferon," in *Methods in Enzymology*, Vol. 78 (S. Pestka, ed.), Academic Press, New York, 387-394]. In this antiviral assay for interferon about 1 unit/ml of interferon is the quantity necessary to produce a cytopathic effect of 50%. The units are determined with respect to the international reference standard for Hu-IFN- α provided by the National Institutes of Health [see Pestka, S. (1986) "Interferon Standards and General Abbreviations," in *Methods in Enzymology* (S. Pestka, ed.), Academic Press, New York **119**, 14-23]. This material is prepared specifically for effective neutralization of Hu-IFN- α .

Tested Applications: Neutralization

Suggested Applications: ELISA; Western blot; immunoprecipitation; immunohistochemistry

Please note that these applications are presented for suggested use only and have not been fully evaluated by PBL

Shipping Conditions: Dry ice

Physical State of Product During Shipping: Frozen

Special Conditions/Comments: After receipt, this product should be kept at -70°C or below for retention of full activity. Thaw product vial by incubation in cold tap water until just thawed - the contents of the tube should be apportioned in separate tubes so that freezing and thawing is kept to a minimum. Refreezing should be done on dry ice or in a dry ice/alcohol bath. Further dilution of the product should be in buffers containing protein such as 0.1% bovine serum albumin (BSA). For more information on protein handling, visit the PBL website at www.interferonsource.com.

For further product information visit www.interferonsource.com

Authorization

Released by: _____

Date:

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Rev.01

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