



HUMAN INTERFERON ALPHA A

CATALOG NUMBER:	IF007	QUANTITY:	XX mL (5 x 10 ⁶ units)
LOT NUMBER:		CONCENTRATION:	XX x 10 ⁸ units/mL
DESCRIPTION:	Recombinant Human Interferon Alpha A (Hu-IFN- α A; Hu-IFN- α 2a). Human Gene: IFNA2		
SOURCE:	cDNA obtained from human leukocyte mRNA expressed in <i>E. coli</i> .		
SPECIFIC ACTIVITY:	XX x 10 ⁹ units/mg		
BIOACTIVITY:	Determined by assaying inhibition of virus-induced cytopathic effect. 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 human interferon alpha A (Hu-IFN- α A) provided by the National Institutes of Health. Unit of activity measured on bovine MDBK cells challenged with vesicular stomatitis virus (VSV).		
PRESENTATION:	Frozen, in PBS containing 0.1% bovine serum albumin (BSA).		
STORAGE/HANDLING:	After receipt, this product should be kept at -70°C or below for retention of full activity. When thawing, the contents of the tube should be apportioned in separate tubes so that freezing and thawing is kept to a minimum. Dilute only in buffers containing protein such as 0.1% bovine serum albumin (BSA).		

Important Note: *During shipment, small volumes of product will occasionally become entrapped in the seal of the product vial. For products with volumes of 200 μ L or less, we recommend gently tapping the vial on a hard surface or briefly centrifuging the vial in a tabletop centrifuge to dislodge any liquid in the container's cap.*

FOR RESEARCH USE ONLY; NOT FOR USE IN DIAGNOSTIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION

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