

ANTIGENIX AMERICA, INC.

PRODUCT INFORMATION SUMMARY

Human IL 6

Purified Factor	Product Number	HC60020B	20.0 ug
Purified Factor	Product Number	HC60020A	5.0 ug

DESCRIPTION:

Human Interleukin-6 (IL 6) is a potent factor which acts to stimulate growth of lymphoid cells, including B cells, T cells and hybridomas. Human IL 6 also act upon cytotoxic T cells in concert with other factors such as Gamma Interferon. IL-6 together with IL-3 work in platelet production, bone metabolism and expression of hepatic acute phase proteins. Molecular weight of 20.9 kDa, with 184 aa. residues.

SOURCE: E. Coli
Purity > 98% by HPLC analysis
Endotoxin < 0.1 ng per ug IL 6

BIOLOGICAL ACTIVITY:

Fully biologically active when compared to standards.
Specific activity of 1×10^7 units/mg (50% endpoint @ 0.1 ng/mL), as determined by dose dependent stimulation of murine 7TD1 cells.

Range of biologic activity: 0.1 - 10 ng/mL

HANDLING AND STORAGE:

Purified Human IL 6 factor is provided lyophilized, additive-free. Store lyophilized, at -20° C. **MUST be reconstituted with 5-10mM acetic acid** to concentration of 100 ug/mL. Allow 10 minutes for complete solubility (**gently shake vial**). Further dilute in PBS or other buffered solutions. Store small aliquots at -20° C for long-term storage, at high concentration.

Microcentrifuge before reconstitution. Because ANTIGENIX factors are provided without carrier proteins like sucrose or BSA, the small quantities of lyophilized protein can adhere to the sides and cap of the vial during manufacture. **Before opening the vial**, we recommend microcentrifuging for 30 seconds to spin-down all material.

WARRANTY:

Products sold hereunder are warranted only to conform to the quantity and contents stated on the label at the time of delivery to the customer. There are no warranties, expressed or implied, which extend beyond the description on the label of the product.

RESEARCH USE ONLY -NOT for DRUG USE