

ATA # 10-0020



PRODUCT INFORMATION SUMMARY

Human IL 6

Purified Factor Product Number HC60020 20.0 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. 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, 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. Store lyophilized, at -20° C. **MUST be reconstituted with distilled water** to a concentration of 100 ug/mL, then 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