



CELLKINES

Natural Human T-Cell Growth Factor (TCGF)

ZMC Catalog #: 0801017 Fill Volume: 50 ml

Activity: XXX BRMP units/ml Protein Concentration: XX.X µg/ml

PRODUCT CHARACTERISTICS

Each lot of CELLKINES TCGF is analyzed for its ability to stimulate proliferation of seven to ten day old, PHA-transformed human T-cells. When used at a final concentration of approximately 10% (v/v), CELLKINES TCGF will induce a minimum five (5) fold increase in cell concentration of such cells when seeded at a density of 2.0×10^5 /ml. CELLKINES TCGF, a glycoprotein with a molecular weight of approximately 15,000 kDa, is aseptically processed.

RECOMMENDED USAGE

CELLKINES TCGF should be used at a final concentration of 10% (v/v). The initial cell density should be approximately 2.0×10^5 /ml and the cell culture should be adjusted to this density every four to five days by additional feeding with 10% CELLKINES TCGF. The initial cell population must be blast-transformed by either mitogenic or antigenic stimulation.

STORAGE AND STABILITY

Stable for six months at -20°C or below. The material may be re-frozen after thawing. Repetitive freezing and thawing is not recommended (aliquot if necessary).

CAUTION

Human Source Material (Human Blood) used in the manufacture of this product has been tested and found to be negative for HBsAG, antibodies to HIV-1/HIV-2 and HCV. Handle as if capable of transmitting infectious agents; use Universal Precautions when working with this product.