

Certificate of Analysis

Product Description: Interleukin 2, Human, Natural
Catalog Number: 152371
Lot: M9851

Formula: N/A
CAS #: N/A
Physical Description: Colorless to Slightly Yellow Frozen Solution

Formula Weight: N/A
Storage: -20°C, do not let thaw

Test	Specification	Result
Identity Test	Passes	Passes
Source	Pooled Human Peripheral Blood Leukocytes	Pooled Human Peripheral Blood Leukocytes
Activity	Record Result	ED50 \geq ED50 Standard at 48-72 hours.
Supplied in	For Information Only	25 mM HEPES buffered RPMI 1640 (pH 7.2 to 7.4)
Mycoplasma	Not Detected	Not Detected
Bacteria, Fungi, Yeast	Not Detected	Not Detected

Note: Purified by several chromatographic steps designed to remove PHA and interferon.

Lectin-free, and GAMMA-interferon-free.

There is approximately 32,000 units of this ultra pure cytokine per 50 ml vial.

To Use: Thaw, aliquot and store for long term @ -20°C. Thawed aliquots can be stored for up to 5 days at +4°C. Avoid repeated freeze thaw cycles.

Recommended Concentration for Use: This preparation will support the growth of most IL-2 dependent lymphocyte cultures at a concentration of 10%. To achieve maximum growth rates and/or viability, the optimum concentration of IL-2 must be determined experimentally by the investigator.

Blood donors have been pretested and found to be negative for Hepatitis B surface antigen and non-reactive for HIV-1 antibody.

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10/09/2014 - *Christina Marotta*
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