

Recombinant Human Erythropoietin- α (EPO- α)

CATALOG #:	4764-500	500IU
SOURCE:	Chinese Hamster Ovary Cells (CHO)	
PURITY:	\geq 98% as determined by SDS-PAGE and HPLC	
ENDOTOXIN:	Less than 0.1 ng/ μ g (IEU/ μ g) of rhEPO	
PHYSICAL APPEARANCE:	Lyophilized powder	
FORMULATION:	Each mg of lyophilized protein contains 0.58 mg sodium citrate, 0.58 mg sodium chloride and 0.006 mg citric acid.	

RECONSTITUTION:

Centrifuge the vial prior to opening. Reconstitute in water to a concentration of 0.1 to 1.0 mg/ml. This solution can then be diluted into other aqueous buffers and stored at 4°C for 1 week or -20°C for future use.

STORAGE CONDITIONS:

The lyophilized protein is best-stored desiccated below 0°C. Reconstituted human EPO should be stored at working aliquots at -20°C. Avoid freeze-thaw cycles.

DESCRIPTION:

Recombinant Human Erythropoietin-alpha produced in Chinese hamster ovary (CHO) cells by recombinant DNA technology is a single, polypeptide chain containing 165 amino acids and having a predicted molecular mass of 21 kDa and apparent glycosylated molecular mass of 30.4 kDa. EPO-alpha is purified by proprietary chromatographic techniques.

ACTIVITY:

BioVision's Erythropoietin is fully biologically active when compared to standard. The Specific Activity measured by Normocyth-aemic mice was found to be 120,000IU/mg.

USAGE: For Research Use Only. Not to be used in humans.

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