

Synthetic Darbepoetin Reference Standard

Cat. No. Darbepoetin-28SRS **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Tag	Non
Form	Freeze-dried power
Stability	Accelerated degradation studies have indicated that this material is suitably stable when stored at the recommended -20 °C or below, for the assigned values. Once reconstituted, diluted or aliquoted, users should determine the stability of the material according to their own method of preparation, storage and use.
Usage	This standard is intended to support the performance of in vitro bioassays of darbepoetin, by definition of the International Unit (IU) of darbepoetin biological activity.
Storage	Unopened ampoules should be stored at -20°C.
contents	Each ampoule contains the residue after freeze-drying of 0.5 ml of a solution that contained: Darbepoetin approximately 5 µg Human serum albumin 0.2 % (w/v) Trehalose 1.0 % (w/v) Sodium chloride 0.12% (w/v)
Shipping	Because of the inherent stability of lyophilized material, may ship these materials at

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

ambient temperature.

UNITAGE

Each ampoule contains 100,000 IU of darbepoetin.

USE OF MATERIAL

No attempt should be made to weigh out any portion of the freeze-dried material prior to reconstitution.

For practical purposes, each ampoule contains the same quantity of recombinant darbepoetin. The material has not been sterilized and the ampoules contain no bacteriostat.

The entire content of each ampoule should be completely dissolved in an accurately measured amount of buffer solution. For example, dissolution in 1.0 mL sterile distilled water will result in a solution containing darbepoetin at a concentration of 100,000 IU/mL.

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