Human VEGF 165 Reference standard

Cat. No. VEGF 165-6H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Preparation Human VEGF 165 reference standard contains human sequence recombinant vascular endothelial growth factor-165 (VEGF165) synthesized in Escherichia coli. However, it shows variation between ampoules in the volume and crystalline appearance of the lyophilized plug.
Species	Human
Source	E.coli
Usage	No attempt should be made to weigh out any portion of the freeze-dried material prior to reconstitution For all practical purposes, each ampoule contains the same quantity of VEGF165. The entire contents of each ampoule should be completely dissolved in a known volume of suitable solvent. It is recommended that, when possible, buffer containing carrier protein should be used to minimize loss by surface adsorption. The solvent should be compatible with the assay system used.
Notes	This preparation is not for administration to humans. The material is not of human or bovine origin. As with all materials of biological origin, this preparation should be regarded as potentially hazardous to health. It should be used and discarded according to your own laboratorys safety procedures. Such safety procedures should include the wearing of protective gloves and avoiding the generation of aerosols. Care should be exercised in opening ampoules or vials, to avoid cuts.
Stability	Reference materials are held at Creative Biomart within assured, temperature-

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	controlled storage facilities and they should be stored on receipt as indicated on the label. Users who have data supporting any deterioration in the characteristics of any reference preparation are encouraged to contact Creative Biomart.
Storage	The ampoules are shipped at ambient temperature. Unopened ampoules should be stored at minus 20 °C in the dark. It may be possible to store frozen aliquots of the reconstituted preparations for subsequent use but this should be validated for the users particular laboratory, storage and assay conditions. Repeated freezing and thawing should be avoided. The ampoules do not contain bacteriostat and solutions of the ampouled material should not be assumed to be sterile. Please note: because of the inherent stability of lyophilized material, Creative Biomart may ship these materials at ambient temperature.

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