CellGenix® GMP Stem Cell Growth Medium (SCGM), Serum-free, w/o Phenol Red, Xeno-free

Order No.: 20806-0500 (500 ml bottle), 20906-0500 (500 ml bag)

Product Characteristics

Main components
Salts, sugars, amino acids, vitamins, buffers
Contains β-Mercaptoethanol and L-glutamine

Human proteins
Albumin (human plasma-derived, licensed medicinal product for human use, complies with Ph. Eur.), Insulin (human recombinant, yeast-derived, complies with Ph. Eur. and USP)

Application
Cultivation of hematopoietic stem and progenitor cells, expansion and differentiation of NK-cells

Intended use
For further manufacturing use.

Quality Parameters

Appearance
Clear, light yellow liquid

pH
7.2 - 7.5, determined according to Ph. Eur.

Osmolality
290 – 350 mOsm/kg H2O, determined according to Ph. Eur.

Bioassay
Expansion of human CD34+ cells

Endotoxin
≤ 1 EU/ml, determined according to Ph. Eur.

Mycoplasma
Not detectable, determined according to Ph. Eur.

Sterility
Sterility test of the final product, determined according to Ph. Eur.

Shipment & Storages

Transport
Ambient temperature. Please refer to Technote (www.cellgenix.com).

Shelf life
2 years from date of production. Minimum 6 months from date of shipping.

Storage
Store at +2 °C to +8 °C. Light protection is recommended.

Quality Statement

This product is manufactured, tested and released in compliance with the relevant GMP guidelines. USP chapter <1043> has been considered in the design of this product. This product is compliant with ISO Technical Standard 20399. The formulation does not contain animal derived components (xeno-free).

Human Albumin has been collected from healthy donors at the time of collection, and samples of their donations were tested individually and found negative for viral diseases by approved methods (HIV1/HIV2, HBV, HCV, Parvovirus B19).