

Data Sheet

CellGenix® Multipotent Mesenchymal Stromal Cell (MSC) Medium¹, Serum-free

Preclinical Grade - Order No.: 24803-0500 (500ml bottle)

Product Characteristics

Main components	Salts, sugars, amino acids, vitamins, buffers Contains phenol red 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	Expansion of MSC from umbilical cord matrix and blood
Intended use	For preclinical ex vivo use. Not intended for therapeutic use.

Quality Parameters

Osmolality	290 – 350 mOsm/kg H ₂ O
pH	7.2 -7.5
Endotoxin	≤ 0.5 EU/ml
Sterility	Sterility test of the final product
Bio assay	Expansion capacity of human umbilical cord derived MSC (hUC-MSC) ²
Mycoplasma	Not detectable
Appearance	Clear, red liquid

Shipment & Storage

Transport	Ambient temperature. Please refer to Technote (www.cellgenix.com).
Expiry	1 year from date of production.
Storage	Store at +2°C to +8°C. Light protection is recommended.

¹ Horwitz et al (2005). Clarification of the nomenclature for MSC: The International Society for Cellular Therapy position statement. *Cytotherapy* Vol. 7, No.5, 393-395

² hUC-MSC cryopreserved in passage 1 were cultured for 4 consecutive passages.

Quality Statement

Apart from one exception, the formulation does not contain animal derived components. (A synthetic lipid mixture contains chicken egg-derived lecithin. This lipid mixture is a licensed medicinal product for human use.)

Human protein 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).