

Stemulate®-CP

Preserving the promise™



Expand your cells safely, reliably, and quickly

- Safely:** Stemulate®-CP is a xeno and heparin-free human platelet lysate (hPL) validated for equivalency to legacy Stemulate formations. Produced from a large donor pool under an ISO 9001:2015 quality management system, Stemulate-CP delivers consistent composition and performance as a high-quality alternative to fetal bovine serum (FBS) or AB Serum. Human platelet material is ethically sourced from U.S. FDA-registered and AABB-accredited blood centers and tested to transfusion-grade standards for infectious disease.
- Reliably:** Stemulate-CP's biodefined composition minimizes lot-to-lot variability. The reliable and consistent supply of human donor platelets ensures that Stemulate-CP will be readily available, cost effective, and enable reproducible study results.
- Quickly:** hPLs have been tested with multiple types of cells in vitro. These cells include mesenchymal stem cells (MSCs) from a variety of tissue sources (such as adipose, bone marrow, and placenta), endothelial colony forming cells, T cells, NK cells, and fibroblasts. Using an hPL has demonstrated robust cell proliferation comparable to cultures supplemented with FBS*.

*Data on file.

Supports cell growth & expansion

- Validated for equivalency to legacy Stemulate.
- Large donor pool manufacturing enhances lot-to-lot reproducibility and minimizes variability.
- Each lot is quality-controlled for osmolality, protein content, and pH to ensure uniform performance across studies.
- Can be used for 2D, 3D, and ex-vivo cell expansion.
- No heparin added during production or required for use.
- Manufactured under an ISO 9001:2015 QMS; every lot undergoes sterility, mycoplasma, and endotoxin testing for safety assurance.
- Research and GMP-ready grades available.
- FDA Master File.

Research Grade

GMP-Ready

Volume mL	Part #	Volume mL	Part #
100	PL-CP-NH-100	100	PL-CP-SP-100
500	PL-CP-NH-500	500	PL-CP-SP-500

Orders are shipped in temperature-controlled containers. Some products or part numbers may not be available in all markets. Contact BioLife customer service for details.