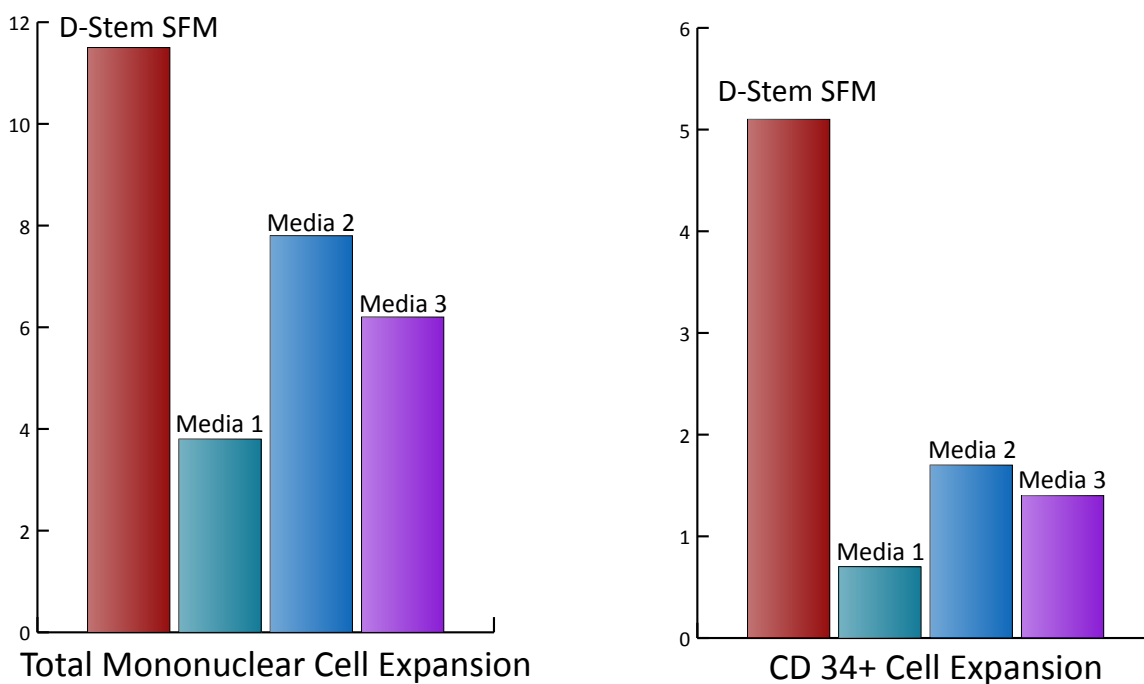


D-Stem SFM leads the industry in Human Umbilical Cord Stem Cell Expansion

D-Stem SFM is serum-free and animal-component-free. D-Stem Cell SFM was developed for the expansion of CD 34+ and other hematopoietic stem cells from umbilical cord blood. The medium also promotes expansion of mononuclear hematopoietic stem cells from bone marrow, mobilized peripheral blood and liver. The medium comes without glutamine, but does not need it added, as it contains a glutamine dipeptide. This eliminates ammonia formation during storage. It is also antibiotic and cytokine-free so that the customer can add their own cocktails. In addition, in the absence of L-Glutamine and cytokines, the shelf-life of the medium is expanded at refrigerator temperatures.

Independent third party tests indicate that the medium produced significantly greater cell expansion of umbilical cord CD34+ stem cells as compared to competing products. The medium is offered in 100 ml bottles to limit wastage.

Human Umbilical Cord Stem Cell Expansion at 7 Days



Cells plated at 5,000 cells/mL, D-Finitive Growth Factor Cocktail #3, 100 ng/mL rhu TPO, 100 ng/mL rhu Flt-3 ligand, 200 ng/mL rhu SCF

D-finitive Cell Technologies offers clients specialized research capabilities, including stem cell and other specialty cell research, bio-production, and customized cell solutions. D-Finitive also develops and manufactures specialty cell expansion media and growth factor cocktails for use by the research community. Please contact us to discuss your individual needs.

1023 Wappoo Road, 33B
Charleston, SC 29407

Tel 1.843.723.2224
Fax 1.843.723.2447
www.dcelltech.com