

Sigma-Aldrich Press Release, June 28, 2002

Sigma-Aldrich Submits Device Master File for Its Stemline™ Medium to the Food & Drug Administration

St. Louis, MO - Sigma-Aldrich (NASDAQ: SIAL), a \$1.2 billion life science and high technology company, has announced submission of a Device Master File (DMF) to the Food & Drug Administration (FDA) for its novel Stemline™ Hematopoietic Stem Cell (HSC) Expansion Medium (product code [S0189](#)). Stemline HSC Expansion Medium is designed to support the expansion of CD34+ progenitor cells from cord blood, bone marrow and mobilized peripheral blood.

Culture results can vary widely from lab-to-lab for a number of reasons. Stemline medium is designed to perform consistently in customers' hands to minimize culture inconsistencies while maximizing CD34+ expansion. This is a complete, ready-to-use medium that offers 12 months stability and performance reliability. Sigma-Aldrich's Stemline medium has been developed for flexibility, to give customers the choice in the addition of cytokines. Human serum albumin is the only animal-origin component present in this otherwise defined formulation to enable consistent performance and to minimize animal component related safety issues.

In addition, Sigma-Aldrich's Stemline outperforms the competition in head-to-head product comparisons by consistently producing more viable CD34+ cells than any other media on the market today, including the expansion of granulocyte-macrophage colony forming cells (GM-CFC) and high proliferative potential colony forming cells (HPP-CFC). The intended use of this product is for investigation use only and has not been evaluated for therapeutic use. Permission to cross-reference the Master file may be obtained by contacting Bruce Lehr, Marketing Manager, 314-301-2090 or your local sales representative.

Sigma-Aldrich is a leading life science and high technology company. The company's biochemical and organic chemical products and kits are used in scientific and genomic research, biotechnology, pharmaceutical development, and the diagnosis of disease and chemical manufacturing. The firm has customers in life science companies, university and government institutions, and hospitals and in industry. Sigma-Aldrich operates in 34 countries and has 6,000 employees providing excellent service worldwide. The company is committed to the success of its Customers, Employees and Shareholders through leadership in Life Science, High Technology and Service.

This release contains forward-looking statements relating to future performance, goals, strategic actions and initiatives and similar intentions and beliefs and other statements regarding the Company's expectations, goals, beliefs, intentions, and the like, which involve assumptions regarding Company operations and conditions in the markets the Company serves. The Company does not undertake any obligation to update these forward-looking statements.

To order Stemline Hematopoietic Stem Cell Medium, please contact Sigma-Aldrich 800-325-3010 or to request samples visit our website at www.sigma-aldrich.com/cellculture.