Abstract

POPULATIONS OF HEMATOPOIETIC PROGENITORS AND METHODS OF ENRICHING STEM CELLS THEREFOR

There is described herein a method of enriching a population of stem cells for hematopoietic progenitors. The method comprises inducing hematopoietic differentiation in a population of human embryonic stem cells or human induced pluripotent stem cells; sorting the population based on expression of CD43 and at least one of CD34, CD31 and CD144; and selecting a fraction that is at least one of CD34+CD43-, CD31+CD43- and CD144+CD43-. Also provided are populations of hematopoietic progenitors obtained by the methods described herein.

[Figure 7]