



Medium for Expansion and Culture of Umbilical Cord Blood Hematopoietic Cells

CATALOG: 03-0003

03-0004

PRODUCT DESCRIPTION	This medium has been developed for the <i>in vitro</i> culture and expansion of human umbilical cord blood hematopoietic cell (UBHSC). This medium nutrient supplements are formulated with FBS or without FBS, and contain variable recombinant hematopoietic growth factors required for the optimal growth and expansion of hematopoietic cells. The complete serum free medium can increase the number of hematopoietic stem cell at 20-35 folds on day 6, and 40-70 folds on day 9. The complete medium with FBS can proliferate hematopoietic stem cell at 25~40 folds on day 6, and 50-80 folds on day 9. (based on the number of CD34+ cells determined by FASC analysis). Both the complete medium formula can promote total mononuclear cells proliferation as many as 600 folds on day 9.
COMPONENTS	IMDM with variable recombinant hematopoietic growth factors, cytokines and many supplements.
STABILITY AND STORAGE	Product stable at -20°C until expiry date indicated on label. Stable for three months if stored at 2 - 8°C. It is recommended that this medium should be thawed under refrigeration (2 - 8°C) or at room temperature (15 - 25°C), mixed well and aliquoted into smaller volumes. These aliquots should be stored at -20°C until use.
PHYSICAL CHARACTER	Liquid
USAGE	It is recommended that this medium should be thawed under refrigeration (2 - 8°C) or at room temperature (15 - 25°C), mixed well with medium supplements aliquots when use.
PRICE	03-0003: RMB 2000 /10mL, RMB 9000 /50mL, RMB 16000 /100mL 03-0004: RMB 2590 /10mL, RMB 11655 /50mL, RMB 20720 /100mL
NOTE	This product is only used in laboratory research.