

2010 年最新臍血樣本品質檢定報告

Latest cord blood samples quality assurance test results

CRYOLIFE 承諾每半年進行一次品質檢定，新一期的測試剛於 5 月中進行。今次從儲存缸中提取了 4 份樣本檢測，其中一份樣本曾於去年進行測試，以作對比檢定。CRYOLIFE routinely conducts biannual quality assurance test. The latest test carried out in mid-May. Four samples have been thawed and to evaluate the preservation of viability, one of the samples is chose to be test again.

測試結果顯示所有樣本的解凍後幹細胞恢復之存活能力均超逾 90%，而細胞聚落形成單位(CFU)的結果，亦證實儲存多年的幹細胞，仍然保持分裂及分化的能力，報告結果令人滿意。The result is satisfying, showing that the recovery of viability of all samples is over 90%. The result of CFU (colony-forming unit) assays of the samples demonstrate the ability of multiply and differentiate is preserved.

2010 年 5 月品質檢定 – 細胞存活能力測試結果

May 2010 Quality Assurance – Viability results

臍血處理日期 Date of Processing	存放時間 Preservation Period	解凍後幹細胞恢復之存活能力 Recovery of Viability	細胞聚落形成單位 CFU (x 10 ⁴ /mL)
13 Jul 1999	10yr 10mth	90.9%	1.2
24 Mar 2003	7yr 3 mth	100%	1.1
9 May 2004	6 yr 1 mth	99.8%	0.1
24 Sep 2005	4 yr 9 mth	100%	0.2

重複測試結果比較

Comparison of Repeat Evaluation

臍血處理日期 Date of Processing	測試日期 Date of Evaluation	解凍後幹細胞恢復之存活能力 Recovery of Viability
24 Mar 2003	Nov 2009	99.4%
	May 2010	100.0%