

## 2011 年最新臍血樣本品質檢定報告 (4 – 5 月) 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 4 至 5 月進行。今次從儲存缸中提取了 8 份樣本檢測，其中 3 份樣本曾於以往進行測試，以作對比檢定。CRYOLIFE routinely conducts biannual quality assurance test. The latest test carried out in April to May. Eight samples have been thawed and to evaluate the preservation of viability, three 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%，重複測試結果證明，長期超低溫低儲存對臍血幹細胞之存活率並無影響。總括而言，是次測試結果令人非常滿意。The result is satisfying, showing that the recovery of viability of all samples is over 90%. The result of repeat evaluation indicates that long-term storage have no evidence to suggest its affects cord blood cell viability.

### 2011 年 4 - 5 月品質檢定 – 細胞存活能力測試結果 Apr to May 2011 Quality Assurance – Viability results

臍血處理年份 Year of Processing	存放時間 (年) Preservation Period (Year)	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 <sup>4</sup> /mL)
1999	11	98.4%	0.4
2000	10	100%	2.5
2000	11	95.8%	0.1
2002	9	90.8%	1.0
2003	7	98.4%	3.8
2005	5	97.6%	0.3
2006	4	95.1%	0.1
2007	4	98.0%	3.9

### 重複測試結果比較 Comparison of Repeat Evaluation

臍血處理年份 Year of Processing	測試日期 Date of Evaluation	存放時間 (年) Preservation Period (Year)	解凍後幹細胞恢復之存活能力 Recovery of Viability
1999	11/05/2010	10	90.9%
	05/05/2011	11	98.4%
2000	13/11/2008	8	95.9%
	05/05/2011	10	100%
2000	12/05/2010	10	85.5%
	19/04/2011	11	95.8%