

醫療財團法人台灣血液基金會

紅血球濃厚液 cytokine 濃度測試報告

測試月份：2020 年 6-10 月

Cytokine	Blood components	No of tested	Serum cytokine level (pg/ml) ^{(3) (5)}	
			Mean	S.D.
IL-1 β	Pre-S LR RBC ⁽¹⁾	39	BDL ⁽⁴⁾	-
	Post-S LR RBC ⁽²⁾	29	BDL	-
IL-6	Pre-S LR RBC	18	BDL	-
	Post-S LR RBC	32	BDL	-
IL-8	Pre-S LR RBC	41	0.68	0.07
	Post-S LR RBC	28	1.21	0.18
TNF- α	Pre-S LR RBC	42	8.2	0.5
	Post-S LR RBC	36	14.4	1.3
VEGF	Pre-S LR RBC	34	36	6.4
	Post-S LR RBC	32	224	29.2
RANTES	Pre-S LR RBC	46	1,429	72
	Post-S LR RBC	37	2,536	162

註

(1) Pre-S LR RBC: Pre-storage leukoreduced red blood cells

(2) Post-S LR RBC: Post-storage leukoreduced red blood cells (採血後第 5-8 天減除白血球)

(3) Serum cytokine level (pg/ml) in red cell concentrates of 7-10 days after collection

(4) BDL: below detection limit (1.6 pg/ml for IL-1 β ; 0.64 pg/ml for IL-6)

(5) Using a luminex beads-based test for detection