

# Blood Controls

## Certificate of Analysis CD4 Low Blood Control

**RUO**
**LOT** : 29434

 : 2016-05-22

Start Date of Manufacture: 2016-02-24

Start Date of Quality Control Testing: 2016-03-02

Lymphocytes	Expected Values					
	% Positive	Range (%)		Absolute Count (cells/ $\mu$ l)	Range (cells/ $\mu$ l)	
		min	max		min	max
CD3+	50	48	52	800	755	845
CD3+ CD4+	16.7	14.9	18.4	267	244	289
CD3+ CD8+	31.0	29.3	32.7	496	453	539
NK Cells	9.7	7.9	11.4	153	130	175
B Cells	39	37	41	622	605	639

**Pass Criterion:**

 Absolute count for CD3+CD4+ cells must fall within the range 200-300 cells/ $\mu$ l.

**Comments:**

Sample preparation was performed using the BD Multitest IMK kit and the lyse, no wash method. Acquisition and analysis were performed on a BD FACSCalibur flow cytometer. These results are averaged and the CD3+CD4+ absolute count met the acceptance criterion.

Signature of Quality Control Manager



Date: 2016-03-03