

# Blood Controls

## Certificate of Analysis CD4 Normal Blood Control

**RUO**

**LOT** : 29433

 : 2016-05-22

Start Date of Manufacture: 2016-02-24

Start Date of Quality Control Testing: 2016-02-29

Lymphocytes	Expected Values					
	% Positive	Range (%)		Absolute Count (cells/ $\mu$ l)	Range (cells/ $\mu$ l)	
		min	max		min	max
CD3+	82.7	80.9	84.4	1884	1830	1939
CD3+ CD4+	62.3	58.9	65.8	1394	1282	1505
CD3+ CD8+	18.7	15.2	22.1	422	359	486
NK Cells	6.3	4.6	8.1	148	125	171
B Cells	10.3	8.6	12.1	236	213	259

**Pass Criterion:**

Absolute count for CD3+CD4+ cells must fall within the range 410-1590 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