

# Blood Controls

## Certificate of Analysis Stabilised Human Whole Blood

**RUO**
**REF**

CFWB

**LOT**

29284



2015-03-01

 Start Date of Manufacture: **2014-12-04**

 Start Date of Quality Control Testing: **2015-01-08**

	Expected Values					
	% Positive	Range (%)		Absolute Count (cells/ $\mu$ l)	Range (cells/ $\mu$ l)	
		min	max		min	max
<b>Lymphocytes</b>	15.4	12.2	18.6	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>
• CD3+	76.0	73.8	78.2	845	671	1019
• CD3+ CD4+	48.7	46.7	50.6	542	416	667
• CD3+ CD8+	20.2	17.9	22.6	225	194	255
• NK Cells	16.4	14.9	17.9	182	135	230
• B Cells	6.8	5.6	8.1	76	50	103
<b>Monocytes</b>	4.5	3.9	5.1	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>
<b>Granulocytes</b>	27.8	22.4	33.3	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>

**Pass Criterion:**

Absolute counts for all cell types listed above should fall within the following ranges:

	Low (events / $\mu$ l)	High (events / $\mu$ l)
<b>CD3+</b>	690	2540
<b>CD3+CD4+</b>	410	1590
<b>CD3+CD8+</b>	190	1140
<b>NK Cells</b>	90	590
<b>B Cells</b>	90	660

**Comments:**

10 separately stained tests were performed using Cytognos reagents and the lyse, no wash method across two different time points. These results were averaged and all absolute counts passed the acceptance criterion.

**Signature of Quality Control Manager**

**Date:** 2015-01-20
