

Cytometer Performance Report

Cytometer: FACSriaII
Cytometer Name: FACSriaII
Serial Number: PO249
Input Device: Manual
Cytometer Configuration: 100 microns Standard

User: Utilisateur
Institution: N/A
Software: BD FACSDiva 6.1.3
Date: 12/15/2014 09:43 AM
Cytometer Baseline: 10/28/2014 01:52 PM
P/F: Pass

Setup Beads

Bead Product: CST Setup Beads, Part #: 910723
Lot ID: 91725, Expiration Date: 04/30/2016
Bead Lot Information: Available

Detector Settings

Laser	Detector	Parameter	Target Value	Actual Target Value	% Difference Target Value	Bright Bead %Robust CV	Mid Bead Median Channel	Mid Bead % Robust CV
Blue	FSC	FSC	125000	124638	-1	2.90	124564	3.00
Blue	F	SSC	125000	120600	-4	8.81	121675	8.92
Blue	E	FITC	40335	40176	-1	6.94 (1)	1995	11.19
Blue	D	PE	43651	43152	-2	6.86	1781	12.63
Blue	C	PE-Texas Red	43529	43426	-1	7.28	1723	18.01
Blue	B	PerCP-Cy5-5	113477	111314	-2	7.40	3942	20.45
Blue	A	PE-Cy7	122905	121490	-2	7.99	2374	33.06
Red	B	APC	126160	125277	-1	3.68	7214	8.76
Red	A	APC-Cy7	160729	158192	-2	4.17	4991	10.89

Detector Settings (Continued)

Laser	Detector	Parameter	Dim Bead Median Channel	Dim Bead %Robust CV	PMTV	Δ PMTV	Qr	Br	P/F
Blue	FSC	FSC	17986	7.69	380	-33	N/A	N/A	Pass
Blue	F	SSC	63138	9.06	383	7	N/A	N/A	Pass
Blue	E	FITC	223	32.77	628	-9	0.0235	0	Pass
Blue	D	PE	349	30.95	574	-7	0.0948	70	Pass
Blue	C	PE-Texas Red	356	40.12	700	-1	0.0064	0	Pass
Blue	B	PerCP-Cy5-5	441	62.47	812	-11	0.0045	77	Pass
Blue	A	PE-Cy7	136	158.48	794	-9	0.0074	26	Pass
Red	B	APC	493	30.86	683	-6	0.0180	0	Pass
Red	A	APC-Cy7	294	42.98	666	-7	0.0020	0	Pass

(1) Bright Bead %Robust CV for Primary Channel, Detector E, for Blue Laser is greater than recommended value.

Cytometer Performance Report

Cytometer: FACS Aria II
Cytometer Name: FACS Aria II
Serial Number: PO249
Input Device: Manual
Cytometer Configuration: 100 microns Standard

User: Utilisateur
Institution: N/A
Software: BD FACSDiva 6.1.3
Date: 12/15/2014 09:43 AM
Cytometer Baseline: 10/28/2014 01:52 PM
P/F: Pass

Specifications

PMTV Delta from baseline: 50 (BD)
Red Laser Primary Channel Bright Bead %Robust CV: 6.00 (Recommended)
Blue Laser Primary Channel Bright Bead %Robust CV: 6.00 (Recommended)

Laser Settings

Laser	Delay (Trigger on FSC)	Delay (Trigger on Fluorescence)	Area Scaling Factor
Red	-50.02	-49.44	0.96
Blue	0.00	0.00	1.18

Window Extension: 2.00
FSC Area Scaling Factor: 0.97

Threshold

Threshold (FSC): 10481

Fluidics

Sheath Pressure: 24.81 Sample Pressure: 23.79
Nozzle Size: 100

Comments