

Cytometer Performance Report

Cytometer: FACSriaII
Cytometer Name: FACSriaII
Serial Number: 1
Input Device: Manual
Cytometer Configuration: 100 microns Standard

User: Administrator
Institution: N/A
Software: BD FACSDiva 8.0.1
Date: 02/03/2015 11:01 AM
Cytometer Baseline: 01/07/2015 04:21 PM
P/F: Pass

Setup Beads

Bead Product: CST Setup Beads Part #: 910858
Lot ID: 24628 Expiration Date: 08/31/2015
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	126462	1	1.77	126563	1.74
Blue	F	SSC	125000	122760	-2	4.30	123842	4.36
Blue	E	FITC	29655	30166	1	3.07	701	16.53
Blue	D	PE	44479	44662	0	3.28	1013	19.82
Blue	C	PE-Texas Red	49988	50357	0	4.04	1154	22.21
Blue	B	PerCP-Cy5-5	85836	86273	0	5.75	3214	25.29
Blue	A	PE-Cy7	72140	72894	1	7.32	2056	36.13
Red	B	APC	86986	87482	0	2.70	3201	12.30
Red	A	APC-Cy7	76432	76322	-1	3.96	3142	12.84

Detector Settings (Continued)

Laser	Detector	Parameter	Dim Bead Median Channel	Dim Bead % Robust CV	PMTV	Δ PMTV	Qr	Br	P/F
Blue	FSC	FSC	14058	6.02	376	9	N/A	N/A	Pass
Blue	F	SSC	62085	3.10	383	2	N/A	N/A	Pass
Blue	E	FITC	135	44.60	638	2	0.0253	0	Pass
Blue	D	PE	222	52.11	617	31	0.0668	58	Pass
Blue	C	PE-Texas Red	247	52.06	723	2	0.0079	46	Pass
Blue	B	PerCP-Cy5-5	394	74.96	853	15	0.0040	45	Pass
Blue	A	PE-Cy7	190	131.98	814	2	0.0077	22	Pass
Red	B	APC	596	28.43	701	-5	0.0233	31	Pass
Red	A	APC-Cy7	353	38.45	674	-11	0.0024	0	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	-49.76	-49.05	0.94
Blue	0.00	0.00	1.10

Cytometer Performance Report

Cytometer: FACSriaII
Cytometer Name: FACSriaII
Serial Number: 1
Input Device: Manual
Cytometer Configuration: 100 microns Standard

User: Administrator
Institution: N/A
Software: BD FACSDiva 8.0.1
Date: 02/03/2015 11:01 AM
Cytometer Baseline: 01/07/2015 04:21 PM
P/F: Pass

Window Extension: 2.00
FSC Area Scaling Factor: 0.86

Threshold

Threshold (FSC): 10445

Fluidics

Sheath Pressure: 24.90 Sample Pressure: 23.79
Nozzle Size: 100

Comments