

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: 07/21/2015 08:48 AM
Cytometer Baseline: 07/01/2015 11:09 AM
P/F: Pass

Setup Beads

Bead Product: CST Setup Beads Part #: 910858
Lot ID: 82950 Expiration Date: 03/31/2016
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	125109	0	2.31	125240	2.34
Blue	F	SSC	125000	121242	-4	3.41	122207	3.39
Blue	E	FITC	30300	30456	0	3.32	687	19.75
Blue	D	PE	53768	53472	-1	3.31	1055	19.88
Blue	C	PE-Texas Red	49521	49517	-1	4.28	955	29.51
Blue	B	PerCP-Cy5-5	101044	99694	-2	5.58	2049	35.32
Blue	A	PE-Cy7	83046	80683	-3	8.05	997	62.41
Red	B	APC	107855	106304	-2	2.95	2381	16.03
Red	A	APC-Cy7	92245	91577	-1	3.90	1449	21.39

Detector Settings (Continued)

Laser	Detector	Parameter	Dim Bead Median Channel	Dim Bead % Robust CV	PMTV	Δ PMTV	Qr	Br	P/F
Blue	FSC	FSC	12257	3.61	389	-3	N/A	N/A	Pass
Blue	F	SSC	60038	3.14	401	6	N/A	N/A	Pass
Blue	E	FITC	126	58.49	662	5	0.0188	45	Pass
Blue	D	PE	248	52.65	621	5	0.0814	80	Pass
Blue	C	PE-Texas Red	228	69.99	746	4	0.0055	222	Pass
Blue	B	PerCP-Cy5-5	365	93.66	875	0	0.0033	144	Pass
Blue	A	PE-Cy7	125	207.29	849	2	0.0054	26	Pass
Red	B	APC	635	31.38	729	-6	0.0196	56	Pass
Red	A	APC-Cy7	331	45.75	704	-1	0.0019	29	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	-50.59	-50.09	0.95
Blue	0.00	0.00	1.16

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: 07/21/2015 08:48 AM
Cytometer Baseline: 07/01/2015 11:09 AM
P/F: Pass

Window Extension: 2.00
FSC Area Scaling Factor: 0.92

Threshold

Threshold (FSC): 9645

Fluidics

Sheath Pressure: 24.78 Sample Pressure: 23.79
Nozzle Size: 100

Comments