

Cytometer Performance Report

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

User: Utilisateur
 Institution: N/A
 Software: BD FACSDiva 6.1.3
 Date: 12/03/2014 11:06 AM
 Cytometer Baseline: 10/27/2014 02:19 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	124714	-1	2.54	124592	2.50
Blue	F	SSC	125000	122849	-2	5.56	123395	5.40
Blue	E	FITC	42844	42910	0	3.53	2108	8.52
Blue	D	PE	52067	51605	-1	3.51	2101	10.26
Blue	C	PE-Texas Red	48476	48386	-1	4.23	1906	15.15
Blue	B	PerCP-Cy5-5	124015	121870	-2	4.51	4363	18.50
Blue	A	PE-Cy7	133325	130718	-2	5.46	2691	29.65
Red	B	APC	165817	164012	-2	2.89	9513	7.66
Red	A	APC-Cy7	191566	187551	-3	3.31	6227	9.62

Detector Settings (Continued)

Laser	Detector	Parameter	Dim Bead Median Channel	Dim Bead %Robust CV	PMTV	Δ PMTV	Qr	Br	P/F
Blue	FSC	FSC	17808	7.10	367	-43	N/A	N/A	Pass
Blue	F	SSC	64730	3.97	381	8	N/A	N/A	Pass
Blue	E	FITC	236	28.33	629	-13	0.0302	0	Pass
Blue	D	PE	411	26.16	582	-13	0.1095	17	Pass
Blue	C	PE-Texas Red	400	34.72	705	-5	0.0081	0	Pass
Blue	B	PerCP-Cy5-5	500	56.81	821	-12	0.0049	43	Pass
Blue	A	PE-Cy7	168	134.36	801	-10	0.0085	24	Pass
Red	B	APC	643	28.63	710	-5	0.0221	0	Pass
Red	A	APC-Cy7	368	39.31	686	-1	0.0024	0	Pass

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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	-56.61	-56.04	0.86
Blue	0.00	0.00	1.05

Window Extension: 2.00
FSC Area Scaling Factor: 0.90

Threshold

Threshold (FSC): 9855

Fluidics

Sheath Pressure: 19.78 Sample Pressure: 18.76
Nozzle Size: 100

Comments