

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: 11/17/2014 11:29 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	125171	0	2.02	125044	2.03
Blue	F	SSC	125000	122953	-2	5.20	123766	4.95
Blue	E	FITC	40335	40166	-1	2.71	1988	9.67
Blue	D	PE	43651	43670	0	2.82	1793	11.99
Blue	C	PE-Texas Red	43529	44361	1	3.85	1759	17.62
Blue	B	PerCP-Cy5-5	113477	111754	-2	4.46	3982	21.85
Blue	A	PE-Cy7	122905	121152	-2	5.84	2412	35.82
Red	B	APC	126160	125274	-1	3.03	7286	8.99
Red	A	APC-Cy7	160729	159805	-1	3.19	5113	11.35

Detector Settings (Continued)

Laser	Detector	Parameter	Dim Bead Median Channel	Dim Bead %Robust CV	PMTV	Δ PMTV	Qr	Br	P/F
Blue	FSC	FSC	17774	6.56	409	-4	N/A	N/A	Pass
Blue	F	SSC	63356	3.80	376	0	N/A	N/A	Pass
Blue	E	FITC	225	32.95	634	-3	0.0210	0	Pass
Blue	D	PE	350	31.90	580	-1	0.0776	47	Pass
Blue	C	PE-Texas Red	368	41.00	699	-2	0.0059	0	Pass
Blue	B	PerCP-Cy5-5	430	70.05	821	-2	0.0035	59	Pass
Blue	A	PE-Cy7	112	188.53	801	-2	0.0059	17	Pass
Red	B	APC	499	32.95	681	-8	0.0159	0	Pass
Red	A	APC-Cy7	291	50.51	668	-5	0.0017	235	Pass

Cytometer Performance Report

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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	-33.33	-32.90	1.29
Blue	0.00	0.00	1.39

Window Extension: 2.00
FSC Area Scaling Factor: 1.11

Threshold

Threshold (FSC): 14478

Fluidics

Sheath Pressure: 24.80 Sample Pressure: 23.65
Nozzle Size: 100

Comments