

Cytometer Performance Report

Cytometer: FACSCantoII
Cytometer Name: FACSCantoII
Serial Number: V96300958
Input Device: Carousel
Setup Bead Position: 1
Cytometer Configuration: Canto II Config 3-laser, 8-color (4-2-2)

User: Administrator
Institution: N/A
Software: BD FACSDiva 8.0
Date: 09/28/2015 09:27 AM
Cytometer Baseline: 06/08/2015 10:24 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	124228	-1	2.49	124362	2.44
Blue	F	SSC	125000	123824	-1	2.59	124612	2.65
Blue	E	FITC	20752	19920	-5	3.10	481	19.32
Blue	D	PE	34971	34242	-3	2.30	679	16.23
Blue	B	PE-Cy5	59521	57732	-4	4.37	1136	26.07
Blue	A	PE-Cy7	45673	45358	-1	6.89	590	46.86
Red	C	APC	57794	57104	-2	2.72	1349	16.43
Red	A	APC-Cy7	53499	52354	-3	3.75	811	17.18
Violet	B	DAPI	11638	11171	-5	3.03	797	12.06
Violet	A	AmCyan	43958	42832	-3	2.54	1336	10.80

Detector Settings (Continued)

Laser	Detector	Parameter	Dim Bead Median Channel	Dim Bead % Robust CV	PMTV	Δ PMTV	Qr	Br	P/F
Blue	FSC	FSC	16079	10.80	576	3	N/A	N/A	Pass
Blue	F	SSC	61461	2.51	409	-1	N/A	N/A	Pass
Blue	E	FITC	86	65.33	466	0	0.0205	256	Pass
Blue	D	PE	172	49.00	504	2	0.1666	331	Pass
Blue	B	PE-Cy5	236	61.32	646	8	0.0064	90	Pass
Blue	A	PE-Cy7	116	120.46	696	20	0.0093	38	Pass
Red	C	APC	379	32.01	692	5	0.0179	114	Pass
Red	A	APC-Cy7	194	38.68	544	7	0.0033	680	Pass
Violet	B	DAPI	108	67.54	465	0	0.0540	4005	Pass
Violet	A	AmCyan	164	53.03	515	1	0.0172	3578	Pass

Specifications

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

Cytometer Performance Report

Cytometer: FACSCantoII
Cytometer Name: FACSCantoII
Serial Number: V96300958
Input Device: Carousel
Setup Bead Position: 1
Cytometer Configuration: Canto II Config 3-laser, 8-color (4-2-2)

User: Administrator
Institution: N/A
Software: BD FACSDiva 8.0
Date: 09/28/2015 09:27 AM
Cytometer Baseline: 06/08/2015 10:24 AM
P/F: Pass

Laser Settings

Laser	Power (mW)	Power Spec. (mW)	Current (mA)	Current Guidelines (mA)	Delay (Trigger on FSC)	Delay (Trigger on Fluorescence)	Area Scaling Factor
Violet	59.64	47.71 - 71.57	N/A	N/A	-30.10	-29.84	1.20
Blue	20.25	16.21 - 24.31	1.39	1.14 - 1.70	0.00	0.00	1.46
Red	17.32	13.20 - 19.80	N/A	N/A	29.04	29.29	1.21

Window Extension: 7.00
FSC Area Scaling Factor: 0.89

Threshold

Threshold (FSC): 9593

Fluidics

FACSFlow Pressure: 4.50 Sample Pressure: 4.30
Spec.: 4.40 - 4.60

Comments