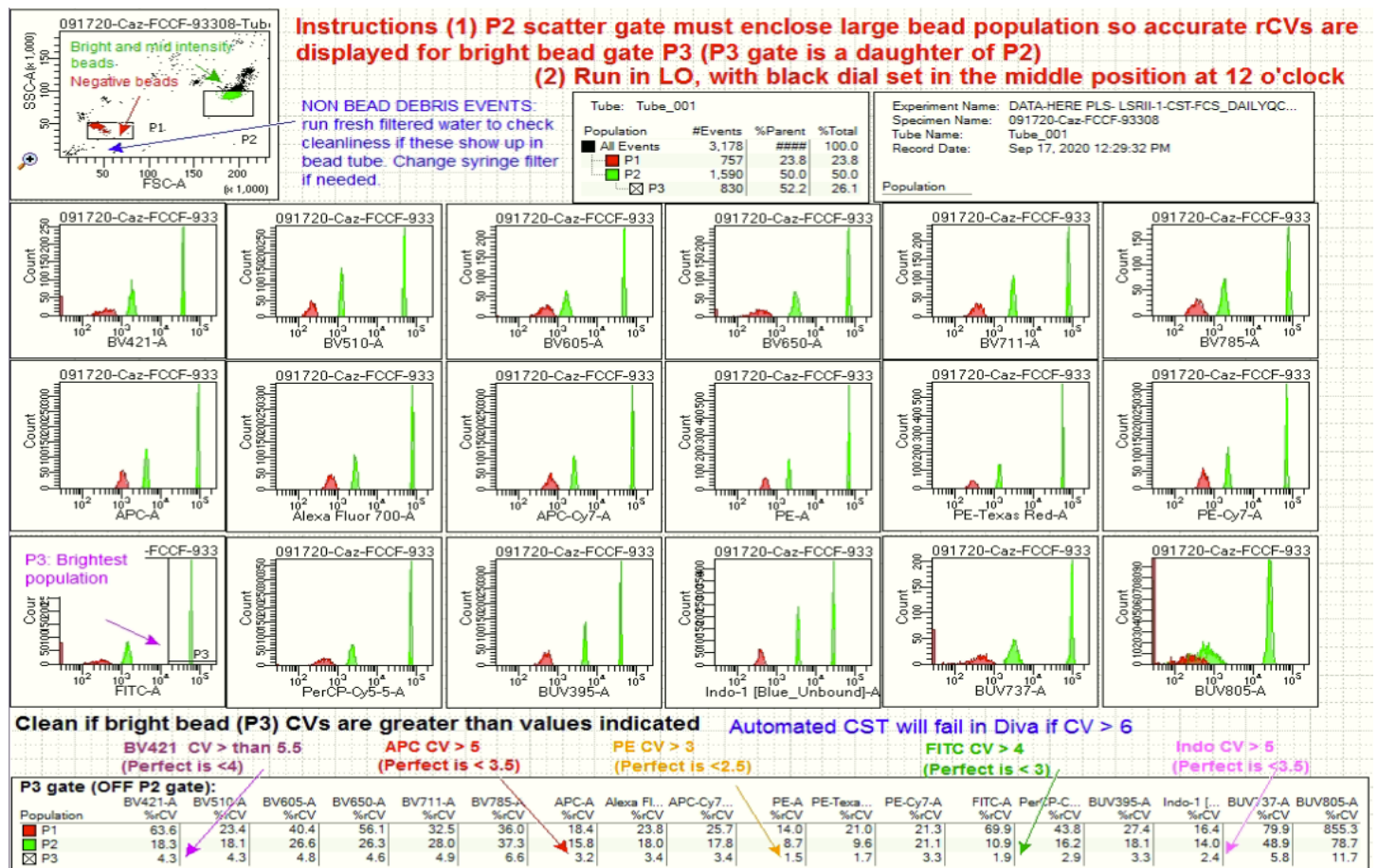


Good Examples of What You Are REQUIRED to Send to FCCF@salk.edu DIRECTLY AFTER Using an Instrument.

Emailing **items 3, 4, and 5** (unless specifically directed otherwise) is a condition of your access to the core's autonomous use instrumentation. **Item 1** is required if the user before you does not have an acceptable "before" beads in the Calibration account. **Item 2** is required if you are the first user of the day.

1. CST Beads Profile PDF (Pre-running samples): required if the user before you does not have an acceptable "before" beads in the Calibration account.



2. CS&T Report PDF (2 pages): required if you are the first user of the day.

Cytometer Performance Report

Cytometer:	LSRII	User:	hkchung
Cytometer Name:	LSRII	Institution:	IMPL-K
Serial Number:	H48200030	Software:	BD FACSDiva 8.0.2
Input Device:	HTS	Date:	04/08/2020 10:01 PM
Tube Loaded Manually:	Yes	Cytometer Baseline:	03/20/2020 09:10 AM
Cytometer Configuration:	092618Salk SORP 2B 6V 4UV 3R 3YG	P/F:	Pass

Setup Beads

Bead Product:	CST Setup Beads	Part #:	910858
Lot ID:	91193	Expiration Date:	04/30/2021
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	125748	0	3.86	125746	3.86
Blue	C	SSC	125000	123550	-2	2.82	124437	2.91
Blue	B	FITC	14641	14143	-4	2.88	380	13.03
Blue	A	PerCP-Cy5-5	25602	24942	-3	3.47	1018	14.29
Red	C	APC	35972	34880	-4	2.61	1716	7.56
Red	B	Alexa Fluor 700	26752	25731	-4	2.94	1007	8.74
Red	A	APC-Cy7	21383	20666	-4	3.03	735	9.15
Violet	F	BV421	6576	6479	-2	2.79	293	11.47
Violet	E	BV510	26780	26899	0	2.84	791	7.09
Violet	D	BV605	44362	43887	-2	3.4	975	16.74
Violet	C	BV650	39547	39273	-1	4.18	2069	12.84
Violet	B	BV711	34963	33754	-4	4.14	1375	10.43
Violet	A	BV785	32900	31444	-5	4.96	743	15.77
UV	D	BUV395	12383	12445	0	4.69	1428	5.82
UV	C	Indo-1 [Blue_Unbound 1]	11941	12145	1	5.61	1410	6.3
UV	B	BUV737	48319	47495	-2	10.54	1751	27.84
UV	A	BUV805	47271	47835	1	13.43	1080	63.37
Yel/Green	C	PE	27753	27482	-1	1.44	780	7.49
Yel/Green	B	PE-Texas Red	34912	34451	-2	1.58	820	9.33
Yel/Green	A	PE-Cy7	24834	24227	-3	2.75	810	10.14

Detector Settings (Continued)

Laser	Detector	Parameter	Dim Bead Median Channel	Dim Bead % Robust CV	PMTV	Δ PMTV	Qr	Br	P/F
Blue	FSC	FSC	28551	12.55	494	2	N/A	N/A	Pass
Blue	C	SSC	55201	2.82	281	1	N/A	N/A	Pass
Blue	B	FITC	78	45.47	490	-2	0.0648	677	Pass
Blue	A	PerCP-Cy5-5	209	35.58	559	-2	0.0532	60	Pass
Red	C	APC	363	21.18	494	-14	0.1221	3516	Pass
Red	B	Alexa Fluor 700	174	23.78	513	-19	0.0102	2088	Pass
Red	A	APC-Cy7	127	27.74	544	-18	0.0119	2568	Pass

Cytometer Performance Report

Cytometer:	LSRII	User:	hkchung
Cytometer Name:	LSRII	Institution:	IMPL-K
Serial Number:	H48200030	Software:	BD FACSDiva 8.0.2
Input Device:	HTS	Date:	04/08/2020 10:01 PM
Tube Loaded Manually:	Yes	Cytometer Baseline:	03/20/2020 09:10 AM
Cytometer Configuration:	092618Salk SORP 2B 6V 4UV 3R 3YG	P/F:	Pass

Violet	F	BV421	63	45.47	377	-3	0.2165	6352	Pass
Violet	E	BV510	167	19.37	495	-5	0.0609	2953	Pass
Violet	D	BV605	212	48.24	670	-9	0.4331	11	Pass
Violet	C	BV650	192	46.61	669	-5	0.0844	18	Pass
Violet	B	BV711	139	32.15	586	-9	0.0769	0	Pass
Violet	A	BV785	124	33.06	516	-9	0.1447	0	Pass
UV	D	BUV395	155	14.68	391	-10	0.5651	0	Pass
UV	C	Indo-1 [Blue_Unbound]	166	13.66	376	-10	0.8963	0	Pass
UV	B	BUV737	192	87.18	641	-17	0.0085	40	Pass
UV	A	BUV805	147	241.69	754	-15	0.0028	211	Pass
Yel/Green	C	PE	180	19.3	453	0	0.2774	62	Pass
Yel/Green	B	PE-Texas Red	163	25.56	471	2	0.1614	72	Pass
Yel/Green	A	PE-Cy7	144	25.99	500	-2	0.1318	6	Pass

Specifications

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

Document

Laser Settings

Laser	Delay (Trigger on FSC)	Delay (Trigger on Fluorescence)	Area Scaling Factor
Blue	0.00	0.00	1.05
Violet	25.11	25.26	0.84
UV	46.90	47.02	0.77
Red	68.91	69.08	0.83
Yel/Green	89.16	89.32	0.94

Window Extension: 10.00
FSC Area Scaling Factor: 0.83

Threshold

Threshold (FSC): 9538

Comments

3. Cleaning Files: Screen grab with Time Stamps

20200310-myeloid-IFNgR WBKO with O+P treatment_03/10/20 11:0...

20200311-RORgt GFP signal check 4h activation 3/11/20 5:37:...

20200315-gp33-12 veh vs op TIF 3/15/20 6:54:...

20200320-FXRKO bone marrow transplant with dss and 3/20/20 2:57:...

20200320-old T-FXRKO bone marrow transplant with dss3/20/20 4:36:...

20200423-mnl test GFP and PLZF antibodies 4/23/20 3:28:...

LSRII-2-CST-FCS_DailyQC-TEMPLATE 5/2/20 8:47:0...

20200425-Sorted RORC GFP IL3 with in vitro FexD 404/25/20 4:03:...

20200425-Sorted RORC GFP Th17 with in vitro FexD 404/25/20 4:37:...

20200502-ILC ID2-ADSS with FexD 5/2/20 6:29:5...

Cytometer Settings

Global Worksheets

Compensation Controls

Specimen_001

ID2-FMO 5/2/20 3:54:1...

01-ILC ID2-duo-01-water-1 5/2/20 4:05:1...

02-ILC ID2-duo-02-water-2 5/2/20 4:09:4...

03-ILC ID2-duo-03-water-3 5/2/20 4:17:2...

04-ILC ID2-duo-04-dss-1 5/2/20 4:20:5...

05-ILC ID2-duo-05-dss-2 5/2/20 4:24:4...

06-ILC ID2-duo-06-dss-3 5/2/20 4:28:5...

07-ILC ID2-duo-07-dss-4 5/2/20 4:32:0...

Bleach 5/2/20 4:34:4...

Rinse 5/2/20 4:37:0...

Water 5/2/20 4:38:3...

08-ILC ID2-duo-08-fexd-1 5/2/20 4:40:3...

09-ILC ID2-duo-09-fexd-2 5/2/20 4:44:5...

10-ILC ID2-duo-10-fexd-3 5/2/20 4:48:2...

11-ILC ID2-duo-11-fexd-4 5/2/20 4:51:0...

12-ILC ID2-ile-01-water-1 5/2/20 4:54:0...

13-ILC ID2-ile-02-water-2 5/2/20 4:55:3...

14-ILC ID2-ile-03-water-3 5/2/20 4:56:4...

15-ILC ID2-ile-04-dss-1 5/2/20 4:58:1...

16-ILC ID2-ile-05-dss-2 5/2/20 5:00:3...

17-ILC ID2-ile-06-dss-3 5/2/20 5:03:3...

18-ILC ID2-ile-07-dss-4 5/2/20 5:05:5...

19-ILC ID2-ile-08-fexd-1 5/2/20 5:08:1...

20-ILC ID2-ile-09-fexd-2 5/2/20 5:10:3...

21-ILC ID2-ile-10-fexd-3 5/2/20 5:15:2...

22-ILC ID2-ile-11-fexd-4 5/2/20 5:18:4...

23-ILC ID2-col-01-water-1 5/2/20 5:21:2...

Bleach2 5/2/20 5:24:1...

Rinse2 5/2/20 5:26:5...

Water2 5/2/20 5:28:0...

24-ILC ID2-col-02-water-2 5/2/20 5:30:3...

25-ILC ID2-col-03-water-3 5/2/20 5:32:3...

26-ILC ID2-col-04-dss-1 5/2/20 5:34:0...

27-ILC ID2-col-05-dss-2 5/2/20 5:35:1...

28-ILC ID2-col-06-dss-3 5/2/20 5:36:3...

29-ILC ID2-col-07-dss-4 5/2/20 5:37:5...

30-ILC ID2-col-08-fexd-1 5/2/20 5:39:4...

31-ILC ID2-col-09-fexd-2 5/2/20 5:41:1...

32-ILC ID2-col-10-fexd-3 5/2/20 5:43:4...

33-ILC ID2-col-11-fexd-4 5/2/20 5:45:3...

34-ILC ID2-spl-01-water-1 5/2/20 5:47:3...

35-ILC ID2-spl-02-water-2 5/2/20 5:48:4...

36-ILC ID2-spl-03-water-3 5/2/20 5:50:3...

37-ILC ID2-spl-04-dss-1 5/2/20 5:58:1...

38-ILC ID2-spl-05-dss-2 5/2/20 5:59:4...

39-ILC ID2-spl-06-dss-3 5/2/20 6:01:2...

40-ILC ID2-spl-07-dss-4 5/2/20 6:02:4...

41-ILC ID2-spl-08-fexd-1 5/2/20 6:04:3...

42-ILC ID2-spl-09-fexd-2 5/2/20 6:05:1...

43-ILC ID2-spl-10-fexd-3 5/2/20 6:06:1...

44-ILC ID2-spl-11-fexd-4 5/2/20 6:07:4...

Bleach3 5/2/20 6:10:3...

Rinse3 5/2/20 6:13:0...

Water3 5/2/20 6:16:4...

45-ILC ID2-mnl-01-water-1 5/2/20 6:17:4...

46-ILC ID2-mnl-02-water-2 5/2/20 6:19:0...

47-ILC ID2-mnl-03-water-3 5/2/20 6:19:5...

48-ILC ID2-mnl-04-dss-1 5/2/20 6:21:2...

49-ILC ID2-mnl-05-dss-2 5/2/20 6:22:2...

50-ILC ID2-mnl-06-dss-3 5/2/20 6:23:4...

51-ILC ID2-mnl-07-dss-4 5/2/20 6:25:0...

52-ILC ID2-mnl-08-fexd-1 5/2/20 6:26:0...

53-ILC ID2-mnl-09-fexd-2 5/2/20 6:28:0...

54-ILC ID2-mnl-10-fexd-3 5/2/20 6:28:5...

55-ILC ID2-mnl-11-fexd-4 5/2/20 6:29:5...

20200502-T Comb-ADSS with FexD 5/2/20 8:44:5...

Shared View

Inspector - 20200502-ILC ID2-ADSS with FexD

Experiment Keywords

Name: 20200502-ILC ID2-ADSS with FexD

Owner: weyu

Modified: 5/2/20 6:29:56 PM

Config: 092618Salk SORP 2B 6V 4UV 3R 3YG

Log Decades for Plots

☒ 4 Log Decades

☐ 5 Log Decades

☒ Use global cytometer settings

Acquisition Dashboard

Current Activity

Active Tube/Well	Threshold Rate	Stopping Gate Events	Elapsed Time
	0 evt/s	0 evt	00:00:00

Basic Controls

Next Tube Acquire Data Record Data Restart

Acquisition Setup

Stopping Gate: Events To Record: 100000 evt Stopping Time (sec):

Storage Gate: Events To Display: 50000 evt

Acquisition Status

Processed Events: Electronic Abort Rate:

Threshold Count: Electronic Abort Count:

