



STEM CELL LABORATORY (STCL)



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DOCUMENT TITLE:

BD FACSCalibur Flow Cytometer Maintenance Log

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Control Information

Author: MGREESE

Owner: MGREESE

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Change Number: STCL-CCR-199

FLOW-FORM-006 **BD FACSCalibur Flow Cytometer Maintenance Log**

Instrument Serial# _____		Month/Year _____																															
Date		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Startup																																	
Startup Operator																																	
Prime Fluidics																																	
Laser Current <10A (with tube)																																	
Sample Voltage																																	
No tube > 9.4v																																	
Tube (Hi) >5 <7																																	
Tube (Low) >6 <7																																	
Shutdown/Monthly Maintenance																																	
Shutdown Operator																																	
10% Bleach 5 minutes																																	
DI water 5 minutes																																	
Date of Monthly Maintenance																																	

Reviewed By: _____ Date: _____

Indicate **NIU** (*Not In Use*) in startup operator space when applicable. ✓ indicates that the process was performed.

Instructions for completing the Facscalibur Flow Cytometer Maintenance Log

In the field...	Record...
Date	Date of maintenance check
Start-up Operator	The initials of the operator
Prime fluidics	Check (✓) once fluidics have been primed
Laser current	Check (✓) instrument status window and record the laser's current value.
Sample voltage - No tube	Remove tube from sip and record pressure voltage found in the status window. Value should fall within the range shown (> 9.4 volts).
Tube (Hi)	The instrument pressure voltage found in status window with flow rate set to high. Value should fall within the range shown (>5 <7).
Tube (Low)	The instrument pressure voltage found in status window with flow rate set to low. Value should fall within the range shown (>6 <7).
Shutdown Operator	The initials of the operator who performed the instrument shut down.
10% Bleach 5 minutes	Check (✓) when this step has been completed.
DI water 5 minutes	Check (✓) when this step has been completed.
Date of Monthly Maintenance	Check (✓) the respective date to reflect when the monthly bleach cleaning step was performed.
Reviewed by:	Supervisor's initials who reviewed the log.
Date :	The date the supervisor reviewed the log.

Signature Manifest**Document Number:** FLOW-FORM-006**Revision:** 03**Title:** BD FACSCalibur Flow Cytometer Maintenance Log

All dates and times are in Eastern Time.

FLOW-FORM-006 BD FACSCalibur Flow Cytometer Maintenance Log**Author**

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Document Release

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