

Flow Cytometry Facility
Brown University
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Flow_Cytometry_Facility@Brown.edu
(401)863-6396
BioMed Center, Room 602A

Flow Facility FACSaria™IIIu Request Form

User:

E-mail:

Lab / PI Name/IBC Biological Research Authorization Title and authorization number:

PO or ACCOUNT#:

Billing Address /Contact Info:

Phone #:

Sample Information

Sample Name:

Cell Type (e.g. lymphocytes, PBMC):

Cell Source (e.g. mouse, human, NHP, yeast):

Sample Source (e.g. blood bank, ACF, patient, outside of Brown):

Does the sample contain any know infectious agent? Yes / No

If yes, list agent(s):

Are the cells genetically modified or genetically engineered (e.g. transduced or transfected)?

Yes No

If yes, describe:

Number of Samples:

Please fill out the fluorochrome chart on page 3.

Sorting (if not sorting, skip this page):

Total number of cells (Max 10×10^6 / ml total cells):

Population of interest % of total number of cells:

Sort at: 4° / Room Temp

Date of Sort:

Number of Samples:

Multiple samples require a 6-15 minute clean that will be included in billing. Times are based on experiment and specimen (i.e. sticky cells require longer cleans. Quick sort times require less clean times).

Please type your Sorting Schema:

Please write gating as (X axis vs Y axis):

Example: FSC vs SSC, take main population, look at APC vs FITC. Sort FITC double positive.

Please fill in which antibodies will be used, and either highlight, delete all others, or make known somehow which fluorochromes will be used. Put your antibody or stain in the “Target” column.

Laser	Filter Set	Default	Equivalent	Equivalent	Equivalent	Equivalent	Equivalent	Target	Target
Red 633 nm								Panel 1	Panel 2
C	660/20	APC	Alexa Fluor 647						
B	730/45 685 LP	APC-Alexa 700	APC-Alexa 680	DRAQ5					
A	780/60 735 LP	APC-Cy7	APC-H7	Alexa Fluor 750	APC-eF780				
Blue 488 nm									
C	488/10	SSC							
B**	530/30 502 LP	FITC	GFP	Alexa Fluor 488	CFSE	YFP	Sytox Green		
A*	695/40 655 LP	PerCP Cy5.5	PerCP	PerCP-eFluor 710	PerCP-eFluor 450	PercPVio-700			
	* 550/30 530 LP can be	replaced for better resolution of YFP	**520/20 502 LP can be	replaced for better resolution of GFP					
Violet 407nm									
G	450/50	Pacific Blue	DAPI or Hoechst	Indo-1 (Violet)	eFluor 450	Brilliant Violet 421	V450		
F	530/30 502LP	BV510	V500	Pac Orange	Alexa Fluor 430				
E	582/15 530LP	BV570							
D	605/40 595LP	eFluor605	Qdot605	BV605	Evolve605				
C	660/40 630 LP	BV650	eFluor650	Evolve655					
B	710/50 690 LP	BV 711	Qdot 705						
A	780/60 750 LP	BV786							
Yellow/Green 561nm									
E	585/42 556LP	PE	TdTomato	AF 555					
D	616/23 610LP	PI	PE -Texas Red	mCherry	DsRed	mRuby			
C	670/14 630LP	PE-Cy5	7-AAD						
B	710/40 680 LP	PE-Cy5.5							
A	780/60 735LP	PE-Cy7	PE-Vio770						