

Cytometer	HCI Aria					
Software	BD FACSDiva 8.0					
Serial #	P69500142					
Laser	Wavelength	Filter	Parameter Names			
Blue	488nm	488/10	SSC			
		525/50	FITC	GFP		B (525/50)
		695/40	PerCP	PerCP Cy5.5		B (695/40)
Yel-Gr	561nm	582/15	PE			YG (582/15)
		610/20	PE Texas Red	PE eFluor 610	PE-CF594	YG (610/20)
		660/20	PE Cy5			YG (660/20)
		710/50	PE Cy5.5			YG (710/50)
		780/60	PE Cy7			YG (780/60)
Red	640nm	660/20	APC			R (660/20)
		730/45	AF700			R (730/45)
		780/60	APC Cy7	APC eFluor 780	APC H7	R (780/60)
Violet	408nm	450/50	BV421			V (450/50)
		525/50	BV510			V (525/50)
		610/20	BV605			V (610/20)
		670/30	BV650			V (670/30)
		710/50	BV711			V (710/50)
		780/40	BV786			V (780/40)
UV	350nm	380/30	BUV395			UV (380/30)
		515/20	BUV496			UV (515/20)

Cytometer	Boris Spectral Cell Sorter														
Approx. Emission Wavelength	UV			Violet			Blue			Yellow Green			Red		
	Detector	Marker	*Fluorochrome	Detector	Marker	Fluorochrome	Detector	Marker	Fluorochrome	Detector	Marker	Fluorochrome	Detector	Marker	Fluorochrome
395	UV1		BUV395												
420	UV2		Viability UV	V1		BV421									
440	UV3			V2		SB436									
450	UV4			V3		Pacific Blue									
480	UV5			V4		BV480									
500	UV6		BUV496	V5		BV510	B1		BB515						
520	UV7			V6			B2		FITC/AF488						
550	UV8			V7		Pacific Orange L	B3		SPARK-550						
570			BUV563	V8		BV570	B4			YG1		PE			
580	UV9			V9			B5			YG2					
600	UV10		BUV615	V10		BV605/SB60	B6			YG3		PE Dazzle594 or eq			
660			BUV661				B7			YG4		PE-Fire640	R1		APC
680	UV11			V11		V650/SB64	B8		PerCP	YG5		PE-Cy5	R2		Alexa647/EF660
690							B9		PerCP Cy5.5	YG6		PE-Cy5.5	R3		SPARK-685/APC-CY5.5
700	UV12			V12		V711/SB70	B10		PerCP-eFluor710				R4		APC-R700/A700
730	UV13		BUV737	V13			B11			YG7			R5		
750	UV14			V14		BV750	B12			YG8			R6		Zombie NIR
780	UV15			V15		BV785	B13			YG9		PE-Cy7	R7		APC-Fire 750 or equivalent
800	V16		BUV805	V16		Qdot 800	B14			YG10			R8		APC-Fire810
* Fluorochrome wavelengths next to each other in columns and rows will have the highest spectral overlap															
** Suggested Fluorochromes, other Fluorochromes can be substituted based off excitation and emission															

Cytometer	Wintrobe Aria					
Software	BD FACSDiva 8.0					
Serial #	P28200193					
Laser	Wavelength	Filter	Parameter Names			
Blue	488nm	488/10	SSC			
		530/30	FITC	GFP		B (530/30)
		695/40	PerCP	PerCP Cy5.5		B (695/40)
Yel-Gr	561nm	590/20	PE			YG (590/20)
		615/25	PE Texas Red	PE eFluor 610	PE-CF594	YG (615/25)
		667/30	PE Cy5			YG (667/30)
		780/60	PE Cy7			YG (780/60)
Red	640nm	660/20	APC			R (660/20)
		730/45	AF700			R (730/45)
		780/60	APC Cy7	APC eFluor 780	APC H7	R (780/60)
Violet	408nm	450/50	BV421	DAPI		V (450/50)
		525/50	BV510			V (525/50)
		610/20	BV605			V (610/20)
		670/30	BV650			V (670/30)
		710/50	BV711			V (710/50)
		780/60	BV786			V (780/40)

Cytometer	Avalon		
Block-1			
488nm	525/50	GFP	
561nm	585/15	PE	
	610/20	RFP	
	660LP	Percp	
Block-2			
488nm	525/50	GFP	
561nm	593/40	PE	
	660/40	APC	
	780/60	PECy-7	