

Cytometer	LASER	(nm)	Detector	range	Fluorochrome Names						check
LSRII-A	UV	355	A	505-550	Indo-1 (Blue)	BUV(filter)					
			B	420-460	Live Dead UV Blue	Alexa 350	DAPI	Indo-1(Violet)	Hoechst 33342	BUV395	
			C	-	empty						
	Violet	405	A	505-550	Pac. Orange	V500	VioGreen	BVio 510	Viability Dye eF506	Alexa 430	Sapphire
			B	420-460	Pac. Blue	eF450	V450	VioBlue	BVio 421	Alexa 405	Live Dead Violet CFP
			C	-	empty						
	Blue	488	A	750-810	PE-Cy7	PE-Vio770					
			B	685-710	PerCP-Cy5.5	PerCP-eF710					
			C	663-677	PerCP	PI (Viability)	7-AAD				
			D	600-620	PE-TexasRed	PE-CF594	PI(cell cycle)	PI(cell cycle)	PE-Dazzle594	PE-Alexa610	
			E	562-588	PE						
			F	515-545	FITC	Alexa 488	GFP	CFSE	YFP	BB515	
G			483-493	SSC							
H			-	empty							
Red	633	A	750-810	APC-Cy7	APC-Alexa750	APC-eF780	APC-Vio770	Live Dead Near IR	APC-Fire750		
		B	700-740	Alexa 700	APC-Cy5.5	APC-R700					
		C	650-670	APC	Alexa 647	Live Dead Far Red	Cy5	eF660			

Cytometer	LASER	(nm)	Detector	range	Fluorochrome Names							check
LSRII-B	UV	355	A	685-735	BUV737							
			B	640-680	BUV661							
			C	505-550	BUV496							
			D	425-475	Alexa Fluor 350	DAPI	Hoechst	BUV395	live dead UV			
			E	-	empty							
			F	-	empty							
			G	-	empty							
			H	-	empty							
			Violet	405	A	685-735	BV711					
B	640-670	BV650										
C	595-625	BV605										
D	564-595	BV570 live dead yellow										
E	505-550	Alexa Fluor 430			BV510	Pacific Orange	V500	ghost 510	live dead aqua			
F	425-475	BV421			CFP	Pacific Blue	Qdot 525	V450	eFluor450			
G	-	empty										
H	-	empty										
Blue	488	A			675-715	PerCP	PerCP-Cy5-5	PerCP-eF710	PI(488)			
		B	515-545	Alexa Fluor 488	FITC	GFP	CFSE					
		C	483-493	SSC								
Yellow/Green	561	A	750-810	PE-Cy7								
		B	600-620	PE-CF594	PE-Texas Red	mCherry	PE-Dazzle594	PI(561)				
		C	575-590	DsRed	PE	RFP	tdTomato					
Red	640	A	755-810	APC-Cy7	APC-H7	APC-eF780	APC-Fire750	live dead near IR				
		B	705-735	Alexa Fluor 700	APC-R700							
		C	655-685	Alexa Fluor 647	APC							

Cytometer	LASER	emission	Detector	range	Fluorochrome Names	check
LSRII-C	UV	355	A	505-550	Indo-1 (Blue) BUUV Filter	
			B	425-475	Live Dead UV Blue Alexa 350 DAPI	Indo-1(Violet) Hoechst 33342 BUUV395
			C	-	empty	
	Violet	405	A	685-735	BVio 711	
			B	650-670	Qdot (filter) eFluor NC (filter) B Violet (filter)	
			C	505-550	Pac. Orange V500 VioGreen	BVio 510 Viability Dye eF506 Alexa 430 Sapphire
			D	425-475	Pac. Blue eF450 V450	VioBlue BVio 421 Alexa 405 Live Dead Violet CFP
	Blue	488	A	675-715	PerCP-Cy5.5 PerCP-eF710 PerCP	PI (488) 7-AAD(488)
			B	505-550	FITC Alexa 488 GFP	CFSE YFP BB515
			C	483-493	SSC	
	Yellow/Green	561	A	750-810	PE-Cy7 PE-Vio770	
			B	600-620	PE-TexasRed PE-CF594 mCherry	PI(561) Alexa 594 7-AAD(561) PE-Dazzle594 PE-Alexa610
C			574-589	PE dsRed tdTomato	RFP RBITC	
Red	640	A	755-810	APC-Cy7 APC-Alexa750 APC-eF780	APC-Vio770 Live Dead Near IR APC-Fire750	
		B	707-753	Alexa700 APC-Cy5.5 APC-R700		
		C	655-685	APC Alexa 647 Live Dead Far Red	Cy5 eF660	

Cytometer	LASER	emission	Detector	range	Fluorochrome Names	check						
AriaIII-A	UV	355	A	685-735	BUV711							
			B	425-475	Live Dead UV Blue	Alexa 350	DAPI	Indo-1(Violet)	Hoechst blue			
			C	-	empty							
	Violet	405	A	685-735	BV711							
			B	640-680	BV650							
			C	600-620	BV605							
			D	515-545	Pac. Orange	V500	VioGreen	BVio 510	Viability Dye eF506	Alexa 430	Sapphire	
			E	425-475	Pac. Blue	eF450	V450	VioBlue	BVio 421	Alexa 405	Live Dead Violet	CFP
			F	-	empty							
	Blue	488	A	685-735	PerCP-Cy5.5	PerCP-eF710	PerCP	PI (Viability)	7-AAD			
			B	515-545	FITC	Alexa 488	GFP	CFSE	YFP			
			C	483-493	SSC							
	Yellow/Green	561	A	755-810	PE-Cy7	PE-Vio770						
			B	600-630	PE-TexasRed(561)	PE-CF594(561)	mCherry	PI(561)	Alexa 590			
			C	574-589	PE (561)	dsRed	tdTomato	RFP	RBITC			
Red	640	A	755-810	APC-Cy7	APC-Alexa750	APC-eF780	APC-Vio770	Live Dead Near IR				
		B	685-735	Alexa 700	APC-Cy5.5							
		C	650-670	APC	Alexa 647	Live Dead Far Red	Cy5					

Cytometer	LASER	emission	Detector	range	Fluorochrome Names										check		
AriaII-B	UV	355	A	505-550	Indo-1 (Blue)	BUV(filter)											
			B	425-475	Live Dead UV Blue	Alexa 350	DAPI	Indo-1(Violet)	Hoechst 33342	BUV395							
			C	-	empty												
	Violet	407	A	670-740	Qdot 705	eF705NC	BVio 711										
			B	650-670	Qdot 655	eF650NC	BVio 650										
			C	595-625	Qdot 605	eF605NC	BVio 605										
			D	505-550	Pac. Orange	V500	VioGreen	BVio 510	Viability Dye eF506	Alexa 430	Sapphire						
			E	425-475	Pac. Blue	eF450	V450	VioBlue	BVio 421	Alexa 405	Alexa 405	Live Dead Violet	CFP				
			F	-	empty												
			G	-	empty												
			H	-	empty												
	Blue	488	A	668-702	PerCP-Cy5.5	PerCP-eF710	PerCP	PI (488)	7-AAD(488)								
			B	515-545	FITC	Alexa 488	GFP	CFSE	YFP	BB515							
			C	483-493	SSC												
	Yellow/Green	561	A	750-810	PE-Cy7	PE-Vio770											
			B	685-735	PE-Cy5	7-AAD(561)											
			C	600-620	PE-TexasRed	PE-CF594	mCherry	PI(561)	Alexa 590	PE-Dazle594							
			D	577-592	PE	dsRed	tdTomato	RFP	RBITC								
			E	-	empty												
			F	-	empty												
			G	-	empty												
	Red	642	A	750-810	APC-Cy7	APC-Alexa750	APC-eF780	APC-Vio770	Live Dead Near IR		APC-Fire750						
			B	707-753	Alexa 700	APC-Cy5.5	APC-R700										
			C	655-685	APC	Alexa647	Live Dead Far Red	Cy5	eF660								

Cytometer	LASER	emission	Detector	range	Fluorochrome Names							check		
Accuri C6	Blue	488	FL3	670+	PerCP	PI (Viability)	7-AAD	PerCP-Cy5.5	PerCP-eFluor710	PE-Cy7	PE-Vio770	PE-Cy5.5		
			FL2	565-605	PE	PI (cell cycle)								
			FL1	515-545	FITC	AlexaFluor 488	GFP	CFSE	YFP					
	Red	635	FL4	662-688	APC	AlexaFluor 647	Live Dead Far Red	Cy5						

Cytometer	LASER	emission	Detector	range	Fluorochrome Names							check
MACSQuant	Violet	405	V2	500-550	Pacific Orange	V500	VioGreen	Brilliant Violet 510	Viability eFluor506	AlexaFluor 430	Sapphire	
			V1	425-475	Pacific Blue	eFluor450	V450	VioBlue	Brilliant Violet 421	AlexaFluor 405	Live Dead Violet	CFP
	Blue	488	B4	750+	PE-Cy7	PE-Vio770						
			B3	655-730	PerCP-Cy5.5	PerCP-eFluor710	PerCP	PI	7-AAD	PE-Cy5	PE-Cy5.5	
			B2	565-605	PE							
			B1	500-550	FITC	AlexaFluor 488	GFP	CFSE	YFP			
	Red	635	R2	750+	APC-Cy7	APC-AlexaFluor750	APC-eFluor780	APC-Vio770	Live Dead Near IR			
			R1	655-730	APC	AlexaFluor 647	Live Dead Far Red	AlexaFluor700	Cy5			