



Spectral Channels

	UV, 349nm, 30mW		V, 405nm, 50mW		B, 488nm, 50mW		YG, 561nm, 50nm		R, 637nm, 100mW	
Detector Band (nm)	Detector Name	Fluorochrome	Detector Name	Fluorochrome	Detector Name	Fluorochrome	Detector Name	Fluorochrome	Detector Name	Fluorochrome
375/20	UV1 (375)		-	-	-	-	-	-	-	-
392/14	UV2 (390)		-	-	-	-	-	-	-	-
420/20	UV3 (420)		V1 (420)		-	-	-	-	-	-
440/20	UV4 (440)		V2 (440)		-	-	-	-	-	-
459/18	UV5 (460)		V3 (460)		-	-	-	-	-	-
476/18	UV6 (475)		V4 (475)		-	-	-	-	-	-
501/16	UV7 (500)		V5 (500)		B1 (500)		-	-	-	-
517/16	UV8 (515)		V6 (515)		B2 (515)		-	-	-	-
532/16	UV9 (530)		V7 (530)		B3 (530)		-	-	-	-
547/16	UV10 (545)		V8 (545)		B4 (545)		-	-	-	-
574/16	UV11 (575)		V9 (575)		B5 (575)		YG1 (575)		-	-
590/16	UV12 (590)		V10 (590)		B6 (590)		YG2 (590)		-	-
607/18	UV13 (605)		V11 (590)		B7 (605)		YG3 (625)		-	-
625/18	UV14 (625)		V12 (625)		B8 (625)		YG4 (625)		-	-
655/20	UV15 (655)		V13 (655)		B9 (655)		YG5 (655)		R1 (655)	
675/20	UV16 (675)		V14 (675)		B10 (675)		YG6 (675)		R1 (675)	
689/26	UV17 (700)		V15 (700)		B11 (700)		YG7 (700)		R3 (700)	
724/26	UV18 (725)		V16 (725)		B12 (725)		YG8 (725)		R4 (725)	
752/30	UV19 (750)		V17 (750)		B13 (750)		YG9 (750)		R5 (750)	
782/30	UV20 (780)		V18 (780)		B14 (780)		YG10 (780)		R6 (780)	
812/30	UV21 (810)		V19 (810)		B15 (810)		YG11 (810)		R7 (810)	
844/34	UV22 (845)		V20 (845)		B16 (845)		YG12 (845)		R8 (845)	

**UWCCC Flow Cytometry Laboratory  
BD FACSDiscover S8 Optical Layout**



**Imaging Channels (Blue Spectral Channels listed for assessment of fluorochrome emission potentially affecting Imaging)**

Image B, 488nm, 50mW			B, 488nm, 50mW	
Detector Name	Fluorochrome	Detector Band (nm)	Detector Name	Fluorochrome
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
ImgB1 (535)		534/46	B1 (500)	
			B2 (515)	
			B3 (530)	
			B4 (545)	
ImgB2 (600)		600/60	B5 (575)	
			B6 (590)	
			B7 (605)	
			B8 (625)	
-	-	-	B9 (655)	
ImgB3 (790)		788/225	B10 (675)	
			B11 (700)	
			B12 (725)	
			B13 (750)	
			B14 (780)	
			B15 (810)	
			B16 (845)	