



Cytometer configuration generated with [BD Research Cloud](#)

Cytometer Model: BD FACSDiscover S8

Cytometer Name: BD FACSDiscover S8

Serial Number:

Configuration: 5L (22UV, 20V, 16B, 12YG, 8R) + 1Img (3B)

Laser	Filters	Parameters
349 UV Power (mW): 60 Wavelength: 349	375/20 BP + 379/40 BP	UV1 (375)
	392/14 BP + 379/40 BP	UV2 (390)
	420/20 BP + 447/74 BP	UV3 (420)
	440/20 BP + 447/74 BP	UV4 (440)
	459/18 BP + 447/74 BP	UV5 (460)
	476/16 BP + 447/74 BP	UV6 (475)
	501/16 BP + 524/62 BP	UV7 (500)
	517/16 BP + 524/62 BP	UV8 (515)
	532/16 BP + 524/62 BP	UV9 (530)
	547/16 BP + 524/62 BP	UV10 (545)
	574/16 BP + 600/68 BP	UV11 (575)
	590/16 BP + 600/68 BP	UV12 (590)
	607/18 BP + 600/68 BP	UV13 (605)
	625/18 BP + 600/68 BP	UV14 (625)
	655/20 BP + 691/92 BP	UV15 (655)
	675/20 BP + 691/92 BP	UV16 (675)
	698/26 BP + 691/92 BP	UV17 (700)
	724/26 BP + 691/92 BP	UV18 (725)
	752/30 BP + 799/124 BP	UV19 (750)
	782/30 BP + 799/124 BP	UV20 (780)
	812/30 BP + 799/124 BP	UV21 (810)
	844/34 BP + 799/124 BP	UV22 (845)

 405 Violet Power (mW): 50 Wavelength: 405		420/20 BP + 447/74 BP	V1 (420)
		440/20 BP + 447/74 BP	V2 (440)
		459/18 BP + 447/74 BP	V3 (460)
		476/16 BP + 447/74 BP	V4 (475)
		501/16 BP + 524/62 BP	V5 (500)
		517/16 BP + 524/62 BP	V6 (515)
		532/16 BP + 524/62 BP	V7 (530)
		547/16 BP + 524/62 BP	V8 (545)
		574/16 BP + 600/68 BP	V9 (575)
		590/16 BP + 600/68 BP	V10 (590)
		607/18 BP + 600/68 BP	V11 (605)
		625/18 BP + 600/68 BP	V12 (625)
		655/20 BP + 691/92 BP	V13 (655)
		675/20 BP + 691/92 BP	V14 (675)
		698/26 BP + 691/92 BP	V15 (700)
		724/26 BP + 691/92 BP	V16 (725)
		752/30 BP + 799/124 BP	V17 (750)
		782/30 BP + 799/124 BP	V18 (780)
		812/30 BP + 799/124 BP	V19 (810)
		844/34 BP + 799/124 BP	V20 (845)
 488 Blue Power (mW): 50 Wavelength: 488		501/16 BP + 524/62 BP	B1 (500)
		517/16 BP + 524/62 BP	B2 (515)
		532/16 BP + 524/62 BP	B3 (530)
		547/16 BP + 524/62 BP	B4 (545)
		574/16 BP + 600/68 BP	B5 (575)
		590/16 BP + 600/68 BP	B6 (590)
		607/18 BP + 600/68 BP	B7 (605)
		625/18 BP + 600/68 BP	B8 (625)
		655/20 BP + 691/92 BP	B9 (655)
		675/20 BP + 691/92 BP	B10 (675)
		698/26 BP + 691/92 BP	B11 (700)
		724/26 BP + 691/92 BP	B12 (725)
		752/30 BP + 799/124 BP	B13 (750)
		782/30 BP + 799/124 BP	B14 (780)
		812/30 BP + 799/124 BP	B15 (810)
		844/34 BP + 799/124 BP	B16 (845)
 561 Yellow-Green Power (mW): 50 Wavelength: 561		574/16 BP + 600/68 BP	YG1 (575)
		590/16 BP + 600/68 BP	YG2 (590)
		607/18 BP + 600/68 BP	YG3 (605)
		625/18 BP + 600/68 BP	YG4 (625)
		655/20 BP + 691/92 BP	YG5 (655)
		675/20 BP + 691/92 BP	YG6 (675)
		698/26 BP + 691/92 BP	YG7 (700)
		724/26 BP + 691/92 BP	YG8 (725)
		752/30 BP + 799/124 BP	YG9 (750)
		782/30 BP + 799/124 BP	YG10 (780)
		812/30 BP + 799/124 BP	YG11 (810)
		844/34 BP + 799/124 BP	YG12 (845)

	637 Red		655/20 BP + 691/92 BP	R1 (655)
	Power (mW): 100		675/20 BP + 691/92 BP	R2 (675)
	Wavelength: 637		698/26 BP + 691/92 BP	R3 (700)
			724/26 BP + 691/92 BP	R4 (725)
			752/30 BP + 799/124 BP	R5 (750)
			782/30 BP + 799/124 BP	R6 (780)
			812/30 BP + 799/124 BP	R7 (810)
			844/34 BP + 799/124 BP	R8 (845)
	488 IMG-Blue		534/46 BP + 505/LP	ImgB1 (535)
	Power (mW): 50		598/60 BP + 570/LP	ImgB2 (600)
	Wavelength: 488		788/225 BP + 675/LP	ImgB3 (790)