



BD Symphony Configuration

RJH
Room 5380

SN: R65894600131

Laser	PMT Name	Filter	Recommended Fluorophores	Fluorescent Proteins	Proliferation Dyes	Cell Cycle Dyes	Viability Dyes	
355 nm (60mW)	355-1	450/50	DAPI			CellTrace Blue	Hoechst 33342	LIVE/DEAD Fixable Blue Zombie UV
	355-2	515/30	BUV496					
	355-3	740/35	BUV737					
405 nm (100mW)	405-1	450/50	Brilliant Violet 421 Horizon V450 eFluor 450 Pacific Blue	BFP	CellTrace Violet	DyeCycle Violet	LIVE/DEAD Fixable Violet Zombie Violet	
	405-2	525/50	Brilliant Violet 510 Horizon V500 Alexa 430 Pacific Orange	CFP			LIVE/DEAD Fixable Aqua Zombie Aqua	
	405-3	610/20	Brilliant Violet 605				LIVE/DEAD Fixable Yellow	
	405-4	670/30	Brilliant Violet 650					
	405-5	710/50	Brilliant Violet 711					
	405-6	780/60	Brilliant Violet 785					
488 nm (150mW)	488-1	530/30	FITC BB515	GFP YFP	CFSE	DyeCycle Green	LIVE/DEAD Fixable Green Zombie Green	
	488-2	670/30	PerCP BB660					
	488-3	710/50	PerCP-Cy5.5 PerCP-eFluor 710 BB700					
561 nm (100mW)	561-1	586/15	PE Cy3 Alexa 546	DsRed dTomato	CellTrace Yellow	DyeCycle Orange	LIVE/DEAD Fixable Red Zombie Red	
	561-2	610/20	PE-Dazzle PE-CF594 PE-Texas Red	mCherry		Propidium Iodide	Propidium Iodide	
	561-3	670/30	PE-Cy5 PE-Cy5.5 7AAD	mPlum				
	561-4	780/60	PE-Cy7 PE-Fire780					
628 nm (200mW)	628-1	670/30	APC Alexa 633 Alexa 635 Alexa 647 Cy5		CellTrace Far Red	DyeCycle Ruby	LIVE/DEAD Fixable Far Red	
	628-2	710/50	Alexa 700 APC-R-700				Fixable Viability 700	
	628-3	780/60	APC-Cy7 APC-H7 APC-Fire750 APC-eFluor 780				LIVE/DEAD Fixable Near-IR Zombie NIR	