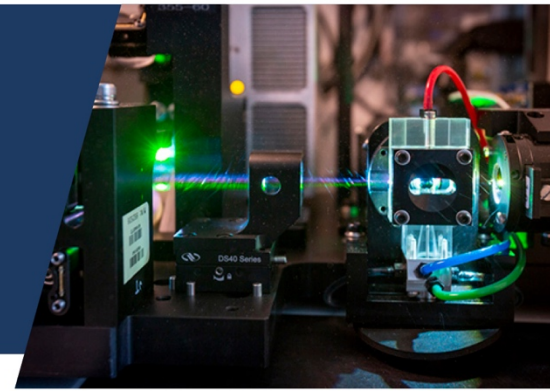


Flow Cytometry: Equipment

FRED HUTCHINSON CANCER RESEARCH CENTER
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BD FACSymphony A5 Special Order Research Product (Symphony 4)

Location: Steam Plant S1-227

Laser	Filter	Fluorochrome	Other Fluorochromes	Fluorescent Proteins	Proliferation Dyes	Cell Cycle Dyes	Viability Dyes
UV 355 nm (65 mW)	379/28	BUV396	BUV380 AF 350				
	450/50	DAPI					
	515/30	BUV496					Hoechst Blue
	585/30	BUV563					
	610/20	BUV615					
	670/30	BUV661					
	740/35	BUV737					Hoechst Red
820/60	BUV805						
Violet 406 nm (200 mW)	431/28	BV421	Pacific Blue BV450 eFluor 450 AF 405 VioBlue	BFP Azurite	CellTrace Violet	DyeCycle Violet	LIVE/DEAD Fixable Violet Zombie Violet Sytox Blue
	470/15	BV480	BV480 AF 430 AmCyan Pacific Green Qdot 525	CFP Cerulean			LIVE/DEAD Fixable Aqua Zombie Aqua
	586/15	BV570	Pacific Orange Qdot 565				LIVE/Dead Fixable Yellow
	610/20	BV605	Qdot 605				
	670/30	BV650	Qdot 655				
	710/50	BV711	Qdot 705				
	750/30	BV750					
780/60	BV786	Qdot 800					
Blue 488 nm (200 mW)	488/10	SSC					
	515/20	BB515	FITC AF 488 Qdot 525 Cy2	GFP YFP Emerald	CFSE	DyeCycle Green	LIVE/DEAD Fixable Green Zombie Green Sytox Green
	610/20	BB630	PE-eFluor610	mCitrine			
	670/30	BB660	PerCP			Propidium Iodide	Propidium Iodide 7-AAD
	710/50	BB700	PerCP-E710 PerCP-Cy5.5				
	750/30	BB750	BB755				
	780/60	BB790					
Green 552 nm (150 mW)	586/15	PE	BYG584 AF 555 eFluor 570 Cy3	RFP dsRed tdTomato	CellTrace Yellow	DyeCycle Orange	LIVE/DEAD Fixable Red Zombie Red Sytox Orange
	610/20	PE-CF594	PE-Texas Red ECD PE-Dazzle 594 PE-eFluor610 Texas Red	mCherry			
	670/30	PE-Cy5	BYG670			Propidium Iodide	Propidium Iodide 7-AAD
	710/50	PE-Cy5.5					
780/60	PE-Cy7						
Red 628 nm (200 mW)	670/30	APC	AF 633 AF 635 AF 647 AF 680 Cy5 Cy5.5		CellTrace Far Red	DyeCycle Ruby	LIVE/DEAD Fixable Far Red
	710/50	AF 700	APC-Cy5.5 APC-R700				Fixable Viability 700
	780/60	APC-Cy7	APC-H7 APC-Fire750 APC-eFluor 780 AF 750 Cy7				LIVE/DEAD Fixable Near-IR Zombie NIR

*Updated: November 2020