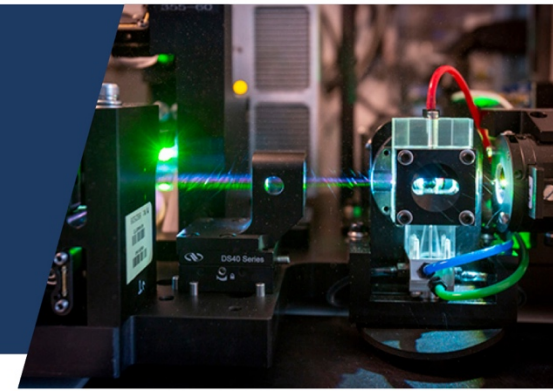


Flow Cytometry: Equipment

FRED HUTCHINSON CANCER RESEARCH CENTER
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BD FACSCelesta Special Order Research Product (Celesta 3)

Location: Steam Plant S1-227

Laser	Filter	Fluorochrome	Other Fluorochromes	Fluorescent Proteins	Proliferation Dyes	Cell Cycle Dyes	Viability Dyes
Violet 405 nm (100 mW)	450/50	BV421	Pacific Blue BV450 eFluor 450 AF 405 VioBlue	BFP Azurite	CellTrace Violet	DyeCycle Violet	DAPI LIVE/DEAD Fixable Violet Zombie Violet Sytox Blue
	525/50	BV510	BV480 V500 AF 430 AmCyan Pacific Green Qdot 525	CFP Cerulean			LIVE/DEAD Fixable Aqua Zombie Aqua
	610/20	BV605	Qdot 605				
	670/30	BV650	Qdot 655				
	710/50	BV711	Qdot 705				
780/60	BV786	Qdot 800					
Blue 488 nm (100 mW)	488/10	SSC					
	530/30	BB515	FITC AF 488 Qdot 525 Cy2	GFP YFP Emerald	CFSE	DyeCycle Green	LIVE/DEAD Fixable Green Zombie Green Sytox Green
	695/40	PerCP-Cy5.5	BB700 PerCP-E710				
Green 561 nm (100 mW)	586/15	BYG584	PE 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				Propidium Iodide	Propidium Iodide 7-AAD
	780/60	PE-Cy7					
Red 637 nm (100 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
	730/45	APC-R700	APC-Cy5.5 AF 700				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