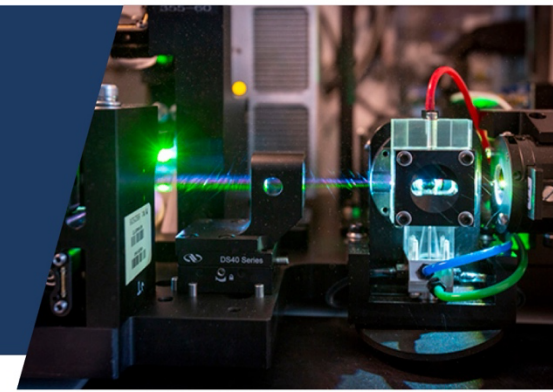


Flow Cytometry: Equipment

FRED HUTCHINSON CANCER RESEARCH CENTER
SEATTLE, WA • 501(C)(3) NONPROFIT



BD LSRFortessa X-50 Special Order Research Product (Fortessa X-50)

Location: Thomas DE-690

Laser	Filter	Fluorochrome	Other Fluorochromes	Fluorescent Proteins	Proliferation Dyes	Cell Cycle Dyes	Viability Dyes
UV 355 nm (65 mW)	379/28	BUV395	BUV380 AF 350				
	515/30	BUV496					Hoechst Blue
	585/15	BUV563					
	610/20	BUV615					
	660/20	BUV661					
	740/35	BUV737					Hoechst Red
	780/60	BUV805					
Violet 406 nm (200 mW)	450/40	AF 405	DAPI BV421 Pacific Blue BV450 eFluor 450 VioBlue	BFP Azurite	CellTrace Violet	DyeCycle Violet	DAPI LIVE/DEAD Fixable Violet Zombie Violet Sytox Blue
	515/20	AmCyan	BV480 BV510 V500 AF 430 Pacific Green Qdot 525	CFP Cerulean			LIVE/DEAD Fixable Aqua Zombie Aqua
	586/15	BV570	Pacific Orange Qdot 565				LIVE/Dead Fixable Yellow
	605/12	BV605	Qdot 605				
	660/20	BV650	Qdot 655				
	710/50	BV711	Qdot 705				
	740/35	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			
	660/20	BB660	PerCP			Propidium Iodide	Propidium Iodide 7-AAD
	710/25	PerCP-E710	BB700 PerCP-Cy5.5				
780/60	BB790	BB755					
Green 552 nm (200 mW)	575/26	BYG568	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-AF 594	PE-Texas Red Texas Red PE-Dazzle PE-eFluor610 ECD PE-CF594	mCherry			
	670/14	BYG670	PE-Cy5			Propidium Iodide	Propidium Iodide 7-AAD
	710/30	PE-Cy5.5					
	780/60	BYG790	PE-Cy7				
Red 628 nm (200 mW)	660/20	APC	AF 633 AF 635 AF 647 AF 680 Cy5 Cy5.5		CellTrace Far Red	DyeCycle Ruby	LIVE/DEAD Fixable Far Red
	710/25	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