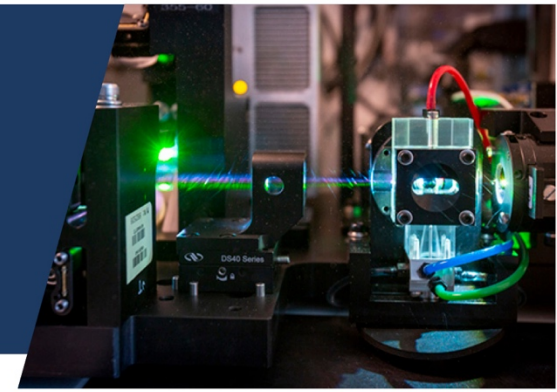


Flow Cytometry: Equipment

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



Sony MA900 Multi-Application Cell Sorter (Sony MA900 - 1)

Location: Thomas DE-690

Laser	Channel	Filter	Fluorochrome	Other Fluorochromes	Fluorescent Proteins	Proliferation Dyes	Cell Cycle Dyes	Viability Dyes
Violet 405 nm (10 mW)	FL6	450/50	BV421	Pacific Blue BV450 eFluor 450 AF 405 VioBlue	BFP Azurite	CellTrace Violet	DyeCycle Violet	DAPI LIVE/DEAD Fixable Violet Zombie Violet
	FL7	525/50	BV510	BV480 V500 AF 430 AmCyan Pacific Green Qdot 525	CFP Cerulean			LIVE/DEAD Fixable Aqua Zombie Aqua
	FL8	585/30	BV570	Qdot 565				LIVE/Dead Fixable Yellow
	FL9	617/30	BV605	Qdot 605				
	FL10	665/30	BV650	Qdot 655				
	FL12	785/60	BV785	Qdot 800				
Blue 488 nm (36 mW)	FL1	525/50	FITC	BB515 AF 488 Qdot 525 Cy2	GFP YFP mCitrine	CFSE	DyeCycle Green	LIVE/DEAD Fixable Green Zombie Green Sytox Green
	FL3	617/30	BB630	PE-eFluor610			Propidium Iodide	Propidium Iodide 7-AAD
	FL4	695/50	PerCP-Cy5.5	PerCP PerCP-E710 BB660				
Green 561 nm (36 mW)	FL2	585/30	PE	AF 555 eFluor 570 Cy3	RFP dsRed tdTomato	CellTrace Yellow	DyeCycle Orange	LIVE/DEAD Fixable Red Zombie Red Sytox Orange
	FL3	617/30	PE-Texas Red	PE-CF594 ECD PE-Dazzle 594 PE-eFluor610 Texas Red	mCherry		Propidium Iodide	Propidium Iodide 7-AAD
	FL4	695/50	PE-Cy5	PE-Cy5.5	mPlum			
	FL5	785/60	PE-Cy7					
Red 638 nm (36 mW)	FL10	665/30	APC	AF 633 AF 635 AF 647 AF 680 Cy5 Cy5.5		CellTrace Far Red	DyeCycle Ruby	LIVE/DEAD Fixable Far Red
	FL11	720/60	AF 700	APC-Cy5.5 APC-R700				Fixable Viability 700
	FL12	785/60	APC-AF750	APC-Cy7 APC-H7 APC-Fire750 APC-eFluor 780 AF 750 Cy7				LIVE/DEAD Fixable Near-IR Zombie NIR

*fluorochromes in the same channel cannot be used simultaneously

*Updated: November 2020