

FACS Aria
SORP
(4lasers)

Moody Foundation Flow Cytometry Facility



LASER	LP	BP FILTER	DETECTOR	FLUOROCHROME	EXCITATION	EMISSION	VENDOR	
488 nm EX 50 mW		488/10	C	SSC				
	505	525/50	B	GFP	488	509		
	505	525/50	B	FITC	495	519		
	505	525/50	B	Alexa Fluor 488	495	519		
	505	525/50	B	Live/Dead Green	495	520	Invitrogen	
	505	525/50	B	CFSE	494	521		
	505	525/50	B	Acridine Orange	502	526		
	505	525/50	B	TOTO-1	509	533		
	690	710/50	A	PE-Dyomics 647	488	672	Abcore	
	690	710/50	A	PerCP	490	678		
	690	710/50	A	PerCP-Cy5-5	488	695		
	690	710/50	A	PerCP-Vio700	488	704	Miltenyi	
	690	710/50	A	PerCP-eFluor710	488	710		
561 nm EX 100 mW	none	586/15	E	Alexa Fluor 555	555	565		
	none	586/15	E	Cy3	550	570		
	none	586/15	E	Alexa Fluor 546	556	573		
	none	586/15	E	PE	488, 566	576		
	none	586/15	E	TRITC	557	576		
	none	586/15	E	X-Rhodamine	570	576		
	none	586/15	E	RPE	490, 565	578		
	none	586/15	E	TdTomato	554	581		
	none	586/15	E	DsRed	563	592		
	595	610/20	D	PE-CF594	488, 566	594		
	595	610/20	D	ECD	488, 575	610		
	595	610/20	D	mStrawberry	574	596		
	595	610/20	D	mCherry	587	610		
	595	610/20	D	PE-TxRed	480, 565	613		
	595	610/20	D	Live/Dead Red	488, 595	615	Invitrogen	
	595	610/20	D	Texas Red	596	615		
	595	610/20	D	Alexa Fluor 594	590	617	biologend	
	595	610/20	D	Propidium Iodide	540	620		
	595	610/20	D	PE-Alexa Fluor 610	488, 565	628	Life Technology	
	635	670/30	C	7-AAD	550	645		
	635	670/30	C	PE-Cy5	488, 565	666		
	635	670/30	C	Tri-Color	488, 565	670		
	635	670/30	C	Quantum Red	488, 565	670		
	690	710/50	B	PE-Cy5-5	488, 567	690	ebioscience	
	690	710/50	B	PE-Alexa Fluor 700	488, 575	723	Life Technology	
	750	780/60	A	PE-Vio770	488, 561	775	Miltenyi	
	750	780/60	A	PE-Alexa Fluor 750	496, 546	779		
	750	780/60	A	PE-Cy7	488, 566	785		
	640 nm EX 140 mW	none	670/30	C	Alexa Fluor 633	632	647	
		none	670/30	C	APC	640	660	
none		670/30	C	eFluor 660	633	660	ebioscience	
none		670/30	C	TO-PRO-3	642	661		
none		670/30	C	TOTO-3	642	661		
none		670/30	C	Live/Dead Far Red	650	665	Invitrogen	
none		670/30	C	Alexa Fluor 647	650	668		
none		670/30	C	Cy5	633	675		
none		670/30	C	Draq5	647	681		
685		730/45	B	APC-Cy5-5	633	694		
685		730/45	B	Alexa Fluor 680	679	702		
685		730/45	B	Alexa Fluor 700	696	719		
685		730/45	B	Ghost Dye Red 710	633	710	Tombo	
750		780/60	A	Zombie NIR	718	746	biologend	
750		780/60	A	APC-Vio770	635	775	Miltenyi	
750		780/60	A	Live/Dead Near IR Red	635, 750	775	Invitrogen	
750		780/60	A	APC-C750	633	779	Cytognos	
750		780/60	A	APC-Alexa Fluor 750	650	779		
750		780/60	A	APC-eFluor 780	640	780	ebioscience	
750		780/60	A	Ghost Dye Red 780	633	780	Tombo	
750		780/60	A	APC-H7	650	785	BD	
750		780/60	A	APC-Cy7	650	785		
405 nm EX 100 mW		none	450/50	C	Brilliant Violet 421	407	421	
	none	450/50	C	Alexa Fluor 405	401	421		
	none	450/50	C	Cascade Blue	400	425		
	none	450/50	C	DyeCycle Violet	370	437	Life Technologie	
	none	450/50	C	V450	404	448	BD	
	none	450/50	C	Violet Proliferation Dye 450	405	450	BD	
	none	450/50	C	Fixable Viability Stain 450	405	450	BD	
	none	450/50	C	eFluor 450	407	450	ebioscience	
	none	450/50	C	VioletFluor 450	405	450	Tombo	
	none	450/50	C	Ghost Dye Violet 450	450	450	Tombo	
	none	450/50	C	CaCellin Violet	400	450	Life Technologie	
	none	450/50	C	Live/Dead Violet	416	451	Invitrogen	
	none	450/50	C	Pacific Blue	404	455		
	none	450/50	C	VioBlue	400	455	Miltenyi	
	none	450/50	C	SYTOX blue	444	480		
	none	450/50	C	Cyan Fluorescent Protein (CFP)	435	485		
	505	525/50	B	AmCyan	458	489		
	505	525/50	B	V500	415	500	BD	
	505	525/50	B	Horizon V500	415	500		
	505	525/50	B	Ghost Dye Violet 510	405	510	Tombo	
	505	525/50	B	Zombie Aqua	382	520	biologend	
	505	525/50	B	Brilliant Violet 510	325, 400	510		
	505	525/50	B	OC515	407	515		
	505	525/50	B	VioGreen	405	520	Miltenyi	
	505	525/50	B	Qdot 525	405	525		
	505	525/50	B	Live/Dead Aqua	367, 405	526	Invitrogen	
	505	525/50	B	Krome Orange	398	528	Beckman Coulter	
	505	525/50	B	Alexa Fluor 430	434	539		
	505	525/50	B	Cascade Orange	400	550	Dako	
	505	525/50	B	Pacific Orange	400	551		
	505	525/50	B	Zombie Yellow	396	572	biologend	
	635	670/30	A	eFluor 625NC	405	625	ebioscience	
	635	670/30	A	V550	415	550	BD	
	635	670/30	A	Brilliant Violet 650	405	650		
	635	670/30	A	eFluor 650NC	405	650	ebioscience	
	635	670/30	A	Qdot 655	405	655		
635	670/30	A	Qdot 685	405	685			