

FACS Aria Fusion SORP (5 lasers)	Moody Foundation Flow Cytometry Facility					 CHILDREN'S MEDICAL CENTER RESEARCH INSTITUTE AT UT SOUTHWESTERN	
LASER	LP	BP FILTER	DETECTOR	FLUOROCHROME	EXCITATION	EMISSION	VENDOR
488nm EX 50 mW		488/10	C	SSC			
	495	525/50	B	GFP	488	509	
	495	525/50	B	FITC	495	519	
	495	525/50	B	Alexa Fluor 488	495	519	
	495	525/50	B	Live/Dead Green	495	520	Invitrogen
	495	525/50	B	CFSE	494	521	
	495	525/50	B	Acridine Orange	502	526	
	495	525/50	B	TOTO-1	509	533	
	495	525/50	B	BB515	490	515	
	690	710/50	A	PE-Dynamics 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	Miltenvi
	690	710/50	A	BB700	484	695	
690	710/50	A	PerCP eFluor 710	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	576	
	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	Biolegend
	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	654	
	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-Vio 770	488, 561	755	Miltenvi
	750	780/60	A	PE-Alexa Fluor 750	496, 546	779	
	750	780/60	A	PE-Cy7	488, 566	785	
	640 nm EX 100 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
685		730/45	B	Red 718	695	715	
750		780/60	A	Zombie NIR	718	746	Biolegend
750		780/60	A	APC-Vio 770	635	775	Miltenvi
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	
405 nm EX 100 mW		750	780/60	A	APC-eFluor 780	640	780
	750	780/60	A	Ghost Dye Red 780	633	780	Tombo
	750	780/60	A	APC-H7	650	785	BD
	750	780/60	A	FVS 780	750	771	
	750	780/60	A	APC-Cy7	650	785	
	None	450/50	E	Brilliant Violet 421	407	421	
	None	450/50	E	Alexa Fluor 405	401	421	
	None	450/50	E	Cascade Blue	400	425	
	None	450/50	E	DyeCycle Violet	370	437	Life Technologie
	None	450/50	E	V450	404	448	BD
	None	450/50	E	Violet Proliferation Dye 450	405	450	BD
	None	450/50	E	Fixable Viability Stain 450	405	450	BD
None	450/50	E	eFluor 450	407	450	ebioscience	
None	450/50	E	Violet Fluor 450	405	450	Tombo	
None	450/50	E	Ghost Dye Violet 450	450	450	Tombo	

	None	450/50	E	Calcein Violet	400	450	Life Technologie
	None	450/50	E	Live/Dead Violet	416	451	Invitrogen
	None	450/50	E	Pacific Blue	404	455	
	None	450/50	E	VioBlue	400	455	Miltenyi
	505	525/50	D	SYTOX blue	444	480	
	505	525/50	D	Cyan Fluorescent Protein (CFP)	435	485	
	505	525/50	D	AmCyan	458	489	
	505	525/50	D	V500	415	500	BD
	505	525/50	D	Horizon V500	415	500	
	505	525/50	D	Ghost Dye Violet 510	405	510	Tombo
	505	525/50	D	Zombie Aqua	382	520	Biolegend
	505	525/50	D	Brilliant Violet 510	325, 400	510	
	505	525/50	D	OC515	407	515	
	505	525/50	D	VioGreen	405	520	Miltenyi
	505	525/50	D	Qdot 525	405	525	
	505	525/50	D	Live/Dead Aqua	367, 405	526	Invitrogen
	505	525/50	D	Krome Orange	398	528	B. Coulter
	505	525/50	D	Alexa Fluor 430	434	539	
	505	525/50	D	Cascade Orange	400	550	Dako
	505	525/50	D	Pacific Orange	400	551	
	505	525/50	D	Zombie Yellow	396	572	biolegend
	635	660/20	C	eFluor 625NC	405	625	ebioscience
	635	660/20	C	V550	415	550	BD
	635	660/20	C	Brilliant Violet 650	405	650	
	635	660/20	C	eFluor 650NC	405	650	ebioscience
	635	660/20	C	Qdot 655	405	655	
	690	710/50	B	Qdot 685	405	685	
	690	710/50	B	Brilliant Violet 711	407	411	Biolegend
	690	710/50	B	Qdot 705	405	705	
	750	780/60	A	Brilliant Violet 785	407	785	Biolegend
	750	780/60	A	Brilliant Violet 786	407	786	BD
	750	780/60	A	Qdot 800	300	800	
355 nm EX 60 mW	none	379/28	C	Brilliant UV 395	360	395	
	410	450/50	B	Alexa Fluor 350	347	442	
	410	450/50	B	Live/Dead Blue	350	450	Invitrogen
	410	450/50	B	Uvid	350	450	
	410	450/50	B	Hoechst 33258	346	460	
	410	450/50	B	DAPI	375	461	
	410	450/50	B	Hoechst 33342	343	483	
	410	450/50	B	Brilliant UV 496	360	496	BD
	690	740/35	A	Brilliant UV 737	360	737	BD