


FACS Aria Fusion SORP (5 lasers)	<h1 style="margin: 0;">Moody Foundation Flow Cytometry Facility</h1>	 <p style="font-size: small; margin: 0;">CHILDREN'S MEDICAL CENTER RESEARCH INSTITUTE AT UT SOUTHWESTERN</p>
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LASER	LP	BP FILTER	DETECTOR	FLUOROCHROME	EXCITATION	EMISSION	VENDOR	
488 nm 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		
	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-TiRed	490, 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	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	495, 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	DraG5	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	biolegend	
	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	Cytogen	
	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	E	Brilliant Violet 421	407	421	BD/BioLegend
		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 Technology	
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	VioletFluor 450	405	450	Tombo	
none		450/50	E	Ghost Dye Violet 450	450	450	Tombo	
none		450/50	E	CaCeIn Violet	400	450	Life Technology	
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	BD/BioLegend	
505		525/50	D	QC515	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	Beckman 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	BD/BioLegend	
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	711	BD/BioLegend	
690		710/50	B	Qdot705	405	705		
750		780/60	A	Brilliant Violet 785	407	785	BioLegend	
750	780/60	A	Brilliant Violet 786	407	786	BD		
355 nm EX 60 mW	none	379/28	C	Brilliant UV 395	360	395	BD	
	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	