

Wistar Institute Flow Cytometry - Master Configuration/Fluorochrome List

Analysis Instruments

Sorters

Laser	BP FilterRange**	Common Fluorochromes	Symph A5 SEs	Symph A3	LSR18	Celesta
UV355	379	BUV395	X	X		
	446-450	DAPI, Hoechst Blue	X	X		
	515	BUV496	X	X		
	540		X			
	585-586	BUV563	X	X		
	610	BUV615	X			
	660-692	BUV661, Hoecsht Red	X	X		
	694		X			
	736-740	BUV737	X	X		
	809-820	BUV805	X	X		

S6	AstriosEQ	Melody
X		
X	X	
X		
X		
X		
X		
X	X	
X		
X		
X		

Violet405	427-450	BV421/PacBlue/eFluor450/DAPI	X	X	X	X
	450	DAPI/eF450/V450/mTagBFP2/PacBlue	X			
	470	BV480/V500/CFP	X			
	510-528	BV510/AmCyan/CFP/Aqua L/D	X	X	X	X
	540		X			
	560-586	BV570	X	X	X	
	585	Qdot585			X	
	595-614	BV605/Zombie Yellow	X	X	X	X
	615		X			
	660-670	BV650	X	X	X	X
	680		X			
	705-710	BV711	X	X	X	X*
	740-750	BV750	X	X		
	780-795	BV785 (786)	X	X	X	X*
	845		X			

X	X	X
X		
X		
X	X	X
X		
X	X	
X	X	
X		
X	X	
X		
X	X	X
X		

Blue488	510-530	FITC/GFP/Alexa 488/CFSE/BB515	X	X	X	X
	537	FITC/eYFP/A488/A500/CFSE	X			
	575-586	PE	X			X*
	602-620	BB630/PE-TxRed/PE-Dazzle594/PI	X	X		X*
	660-670	BB660/PE-Cy5	X	X		
	675-710	PerCp-Cy5.5/PI/7AAD/BB700	X	X	X	X*
	710	BB700	X			
	750	BB755	X	X		
	780-810	PE-Cy7/BB790	X	X		X

X	X	X
X		
X	X	X
X	X	
X	X	
X	X	X
X		
X		
X		
X	X	X

Grn532	575-585	PE/Pyronin Y	X		X	
	610-622	PE-TxRed/PE-Dazzle594/PI	X		X	
	660-670	PE-Cy5/PerCp/7AAD	X		X	
	692-730	PE-Cy5.5/PerCP-Cy5.5	X		X	
	780-795	PE-Cy7	X		X	

X	X	
X	X	
X	X	
X	X	
X	X	

YelGrn561	579-586	PE/dsRed/RFP/tdTomato/BYG584	X	X		
	602-614	PE TxRed/PE-Dazzle594/mCherry/A568	X	X		
	660-692	PE-Cy5/PE-Cy5.5	X	X		
	670		X			
	695	PE-Cy5.5	X			
	730		X			
	750		X			
	780	PE-Cy7	X	X		
	825		X			

X	X	
X	X	
X	X	
X		
X		
X		
X		
X	X	
X		

Orange592	620	mCherry/TxRed/Alexa610				
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	X	
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Red637-40	660-671	APC/Alexa647	X	X	X	X
	675		X			
	680	Alexa660	X			
	710-730	Alexa700/APC-Cy5.5	X	X	X	X
	730		X			
	780-795	APC-Cy7(H7)/Alexa750/APC-eFluor780	X	X	X	X

X	X	X
X		
X		
X	X	
X		
X	X	X

** BP emission filters vary by instrument-
see individual instrument details
X* Filter change required