

CytoFLEX SRT Configuration

Biomedicum Flow Cytometry (BFC) Core Facility

Laser Line	Detector	BP filter	BP range (nm)	Fluorochromes (examples)
Violet (405 nm)	VSSC	405/10	400-410	/
	V450	450/50	425-475	PacBlue, BV421, V450, eF450, SB436, Vio Blue, SBV440, DAPI, Live/Dead Fixable Violet, Sytox Blue, BFP
	V525	525/40	505-545	PacOrange, BV510, V500, Spark V538, eF506, SBV515, Amcyan, Live/Dead Fixable Aqua
	V610	610/20	600-620	BV605, SBV610
	V780	780/60	750-810	BV785, BV786, SBV760, SB780
Blue (488 nm)	SSC	488/8	480-496	/
	B525	525/40	505-545	FITC, AF488, BB515, Vio Bright FITC, RB545, GFP, CFSE, Live/Dead Fixable Green, Sytox Green
	B690	690/50	665-715	PerCP, PerCP-Cy5.5, PerCP-Vio 700, PerCP-eF710, BB700, SBB700, RB705, 7-AAD
Yellow (561 nm)	Y585	585/42	564-600	PE, SBY575, Spark YG581, RY586, TdTomato, RFP, DsRed, Sytox Orange
	Y610	610/20	600-620	PE-CF594, PE-Dazzle 594, PE-Vio 615, RY610, PE-eF610, AF568, SBY605, mCherry, Propidium Iodide
	Y675	675/30	660-690	PE-Cy5, SBY665, 7-AAD
	Y710	710/50	685-735	PE-eF710, PE/Fire 700, SBY720
	Y780	780/60	750-810	PE-Cy7, PE-Vio 770, SBY800
Red (638 nm)	R660	660/10	655-665	APC, AF647, SBR670, Sytox Red, DRAQ7
	R712	712/25	700-724	AF700, APC-R700, R718, SBR715, Vio Bright R720
	R780	780/60	750-810	APC-Cy7, APC-H7, APC-eF780, APC/Fire 750, SBR775, APC-Vio 770, Live/Dead Fixable NIR

Legend: BV = Brilliant Violet, BB = Brilliant Blue, SB = SuperBright, SBV/SBB/SBY/SBR = StarBright Violet/Blue/Yellow/Red, RB/RY = Real Blue/Real Yellow, eF = eFluor