

**Configuration BD FACSAria III**

4 lasers, 17 parameters

Laser	PMT	LP Mirror	BP filter	Name	Fluorochromes
<b>405 nm violet</b>	A	735	780/60	V780-60	BV786
	B	685	710/50	V710-50	BV711
	C	635	670/30	V670-30	BV650
	D	600	610/20	V610-20	BV605
	E	502	510/50	V510-50	BV510, V500, AmCyan
	F		450/40	V450-40	BV421, DAPI, eF450, PacBlue, BFP, Cell Tracer Violet
	G				
<b>488 nm blue</b>	A	655	695/40	B695-40	BB700, PerCP, PerCP-Cy5.5, RB705
	B	502	530/30	B530-30	FITC, AF488, BB515, GFP, CSFE, LDgreen
	C		488/10	SSC	
<b>561 nm yellow/green</b>	A	735	780/60	YG780-60	PE-Cy7, RY775
	B	630	670/30	YG670-30	PE-Cy5, 7-AAD, RY660, mPlum, E2-Crimson
	C	600	610/20	YG610-20	PE-Texas Red, PE-CF594, PE-Dazzle 594, PI, mCherry, RFP, RY610
	D		586/15	YG586-15	PE, DsRed, Cy3, RY568, DT Tomato
	E				
<b>637 nm red</b>	A	755	780/60	R780-60	APC-Cy7, APC-H7, AF750, eF780, LD NIR, FVS780
	B	690	730/45	R730-45	APC-R700, AF700, DRAQ5, Red718
	C		660/20	R660/20	APC, AF647, eF660, DRAQ7, LD farRed, mKate