

Core C-Aria II "Calvin" (BSL-2+) P69500116 5B 3V 3R 2UV 5YG in BSC (available for self-use)

Available Nozzles (μm)/Pressures (psi): 70/70, 85/45, 100/20, 130/20

Detector Array	PMT	Dichroic	Bandpass	Fluorochrome Examples
		Mirror	Filter	
Blue Laser (488nm)	B-A	750LP	780/60	PE-Cy7
	B-B	685LP	710/50	PerCP-Cy5-5, Pe-Cy5-5, 7AAD, PE-Cy 5, PerCP-eFluor 710
	B-C	600LP	610/20	PE-TexasRed, ECD, PI, PE-CF597
	B-D	550LP	582/15	PE, DsRed
	B-E	505LP	525/50	FITC, GFP, CFSE, AF 488, Bex
	B-F		488/10	SSC
Violet Laser (405nm)	V-A	595LP	605/40	BV650
	V-B	505LP	525/50	AmCyan, L-D Aqua, Vex, AF 430, Cascade Yellow
	V-C		450/50	Pacific Blue, BV421, L/D Violet, AF 405, eCFP, Pacific Orange, V450, eFluor 450, Cascade Blue
Red Laser (640nm)	R-A	750LP	785/60	APC-Cy7, APC-H7, APC-AF 750, APC-eFluor 780
	R-B	690LP	730/45	Alexa 700, APC Cy5.5, eFluor 710
	R-C		670/30	APC, AF 647, AF 633, AF 635, Cy 5, eFluor 660
UV Laser (355nm)	UV-A	635LP	670/50	Hoechst 333342-red (side population)
	UV-B		450/50	DAPI, L/D Blue, Hoechst 33342-blue, AF 350, eF455(L/D-UV)
YG Laser (561nm)	YG-A	750LP	780/60	YG PE-Cy7, DRAQ 5
	YG-B	685LP	710/50	YG PE-Cy5-5
	YG-C	635LP	660/20	YG PE-Cy5, YG 7AAD, PI, Katushka (turbo 635)
	YG-D	600LP	610/20	YG PE-Texas Red, mCherry, Cy 3-5, AF 594, AF 568, PI, PE-CF 594
	YG-E		582/15	YG PE, td Tomato, DsRed, mRFP, Cy 3 AF 546, PKH 26

Note: This is not a complete list of all available fluorochromes and this is our default optical configuration.
 Please contact the Flow Core if you have any questions regarding specific dyes, dye combinations, or optical requirements.