

Core Aria Fusion "Figaro" (BSL-2+) 2B 6V 3R 2UV 4YG in BSC

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

Detector Array	PMT	Dichroic	Bandpass	Fluorochrome Examples
		Mirror	Filter	
Blue Laser (488nm)	B-A	690LP	710/50	PerCP-Cy5-5, Pe-Cy5-5, 7AAD, PE-Cy 5, PerCP-eFluor 710
100 LS	B-B	505LP	530/30	FITC, GFP, CFSE, AF 488, Bex
	B-C		488/10	SSC
Violet Laser (405nm)	V-A	750LP	780/60	BV750
100 LX	V-B	690LP	710/50	BV711
	V-C	635LP	670/30	BV650
	V-D	600LP	610/20	BV605
	V-E	505LP	525/50	BV510, L/D Aqua
	V-F		450/50	BV421, Pacific Blue, L/D Violet, AF 405, eCFP, V450, eFluor 450
Red Laser (640nm)	R-A	750LP	780/60	APC-Cy7, APC-H7, APC-AF 750, APC-eFluor 780
100 LX	R-B	690LP	710/50	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-Red(sidepop)
15 LG	UV-B	410LP	450/50	Hoechst-Blue, DAPI, LD/Blue
YG Laser (561nm)	YG-A	750LP	780/60	YG PE-Cy7, DRAQ 5
50 LS	YG-B	635LP	670/30	YG PE-Cy5, YG 7AAD, PI, Katushka (turbo 635)
	YG-C	600LP	610/20	YG PE-Texas Red, mCherry, Cy 3-5, AF 594, AF 568, PI, PE-CF 594
	YG-D		586/15	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.