

### Ariall (Factor 12-637) Sorter Configuration (5-Blue 4-Violet 3-Red)

Detector Array	PMT (Detector)	Longpass Dichroic Mirror	Bandpass Filter	Fluorochrome examples or Scatter Parameter
Blue Octogon (488-nm)	A	735LP	780/60	PE-Cy7
	B	690LP	675/20	PerCP-Cy5.5, 7AAD
	C	610LP	616/23	PE-Texas Red, PE Dazzle594
	D	556LP	585/42	PE, Propidium iodide
	E	502LP	530/30	FITC, AlexaFluor 488, GFP
	F	blank	488/10	SSC
	G	blank	blank	none
	H	_____	blank	none
Violet Octogon (405-nm)	A	635LP	670/30	BV650, eFluor650, Qdot-655
	B	595LP	610/20	BV605, eFluor605, Qdot605
	C	502LP	510/50	BV510, Pacific Orange, Amcyan, Alexa 430
	D	blank	450/40	BV421, Pacific Blue, CFP, DAPI
	E	blank	blank	none
	F	blank	blank	none
	G	blank	blank	none
	H	_____	blank	none
Red Trigon (640-nm)	A	735LP	780/60	APC-Cy7, APC-Alexa750
	B	685LP	710/50	APC-Cy5, Alexa 680
	C	blank	670/20	APC, Alexa 647