

FACS Aria Fusion Laser Configuration

Laser	Filter	Mirrors	Parameter	Suggested Fluorochromes
UV (355nm)	740/35	630 LP	BUV737	BUV737
UV (355nm)	515/30	450 LP	BUV496	Hoeschst 33342, Indo-unbound, DAPI
UV (355nm)	379/28	N/A	BUV395	Indo-1 bound, BUV395, eFluor455UV
Violet (405nm)	450/40	N/A	DAPI	DAPI, BV421, Pacific Blue, V450, VPD450
Violet (405nm)	525/50	505 LP	AmCyan	AmCyan, V500, BV510, BV480, Pacific Orange, eFlour 450, Hoescht,
Violet (405nm)	610/20	595 LP	BV605	BV605
Violet (405nm)	660/20	630 LP	BV650	BV650
Violet (405nm)	710/50	690 LP	BV711	BV711
Violet (405nm)	780/60	750 LP	BV786	BV786
Blue (488nm)	488/10	N/A	SSC	SSC
Blue (488nm)	530/30	502 LP	FITC	FITC, BV 515, AF488, GFP, Alexa 488, YFP, CFSE, ToPro-1
Blue (488nm)	695/40	655 LP	PerCP-Cy5.5	7AAD, PI, PerCP-Cy5.5, PerCP
Y/G (561nm)	582/15	N/A	PE	PE, DSRed, RFP, dTomato, Alexa 546, Cy3
Y/G (561nm)	610/20	600 LP	PE-Texas Red	PE-Texas Red, mCherry, PI
Y/G (561nm)	670/14	630 LP	PE-Cy5	PE-Cy5, PE-Cy5.5
Y/G (561nm)	780/60	735 LP	PE-Cy7	PE-Cy7 Available only by special request
Red (633nm)	670/30	N/A	APC	APC, Alexa 633, eFluor 660, To-Pro3, Alexa 647
Red (633nm)	780/60	735 LP	APC-Cy7	APC-Cy7, APC-H7, APC-eF 780, Zombie NIR
Red (633nm)	730/45	690LP	Alexa Fluor 700	APC-R700, Alexa 700, APC-Cy5.5, Vybrant dye Cycle Ruby stain