

Core LSR II A-5 "Donald" H0037R 2B 5V 3R 3UV 5YG (available for self-use)

Detector Array	PMT	Dichroic	Bandpass	Fluorochrome Examples
		Mirror	Filter	
Blue Laser (488nm)	B-A	685LP	695/40	PerCP-Cy5-5, Pe-Cy5-5, 7AAD, PE-Cy 5, PerCP-eFluor 710
	B-B	505LP	530/30	FITC, GFP, CFSE, AF 488, Bex
	B-C		488/10	SSC
Violet Laser (405nm)	V-A	760LP	800/80	BV 786, Qdot 800
	V-B	630LP	660/32	BV650, Qdot 655
	V-C	600 LP	605/20	BV605, Qdot 605
	V-D	505LP	525/20	L-D Aqua, Vex, AF 430, AmCyan
	V-E		450/50	Pacific Blue, BV421, L/D Violet, AF 405, eCFP, V450, eFluor 450
Red Laser (640nm)	R-A	755LP	780/60	APC-Cy7, APC-H7, APC-AF 750, APC-eFluor 780
	R-B	700 LP	720/30	Alexa 700, APC Cy5.5, eFluor 710
	R-C		675/14	APC, AF 647, AF 633, AF 635, Cy 5, eFluor 660
UV Laser (355nm)	UV-A	505LP	525/20	L/D Aqua
	UV-B	420 LP	450/50	DAPI, L/D Blue, Hoechst 333342-blue, AF 350, eF455(L/D-UV)
	UV-C		379/28	BUV395
YG Laser (561nm)	YG-A	755LP	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, Katushka (turbo 635)
	YG-D	600LP	610/20	YG PE-Texas Red, mCherry, Cy3-5, AF 594, AF 568, PI, PE-CF 594
	YG-E	570LP	580/20	YG PE, td Tomato, DsRed, mRFP, Cy3 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.