



## LSR Fortessa configuration

In this cytometer long wavelengths *pass* through a Long Pass (LP) filter into a Band Pass (BP) filter and then enter the detector.

Laser 488 nm			
	Optical filters		
Position	Long Pass (LP)	Band Pass (BP)	Commonly used fluochromes
A	750LP	780/60	PE-Cy7
B	685LP	695/40	PerCP, PI, PerCP-Cy5.5, PE-Cy5.5, 7AAD
C	600LP	610/20	PE-Texas Red, PE-CF594, PI
D	550LP	575/26	PE
E	505LP	530/30	FITC, GFP, Cy2, CFSE, AF488, YFP

Laser 640 nm			
	Optical filters		
Position	Long Pass (LP)	Band Pass (BP)	Commonly used fluochromes
A	750LP	780/60	APC-Cy7, APC-H7
B	710LP	730/45	AF700
C	N/A	670/14	APC, Cy5, TO-PRO-3, AF647

Laser 405 nm			
	Optical filters		
Position	Long Pass (LP)	Band Pass (BP)	Commonly used fluochromes
A	750LP	780/60	BV786
B	685LP	710/50	BV711
C	635LP	660/20	BV650
D	595LP	605/12	Qdot 605, BV605
E	475LP	525/50	BV510, AmCyan, Horizon V500, Qdot525, AF430
F	N/A	450/50	BV421, Pacific Blue, Horizon 450, AF405

Laser 355 nm Default configuration			
	Optical filters		
Position	Long Pass (LP)	Band Pass (BP)	Commonly used fluochromes
A	505LP	530/30	Hoechst Red
Optional A	505LP	585/42	BUV563
Optional A	610LP	670/30	BUV661
Optional A	710LP	730/45	BUV737 (Instead of AF700)
B	410LP	450/50	DAPI, AF350, Hoechst Blue
C	N/A	379/28	BUV395

Laser 355 nm Indo-1 custom configuration			
	Optical filters		
Position	Long Pass (LP)	Band Pass (BP)	Commonly used fluochromes
A	440LP	485/20	Indo-1 Blue
B	N/A	405/20	Indo-1 Violet

**BV = Brilliant Violet**  
**AF = Alexa Fluor**