



## FACS Melody Cell Sorter Configuration

In this sorter 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	752LP	783/56	PE-Cy7
B	665LP	700/54	PerCP, PI, PerCP-Cy5.5, PE-Cy5.5, 7AAD
C	560LP	586/42	PE, PI
D	507LP	527/32	FITC, GFP, Cy2, CFSE, AF488, YFP

Laser 640 nm			
	Optical filters		
Position	Long Pass (LP)	Band Pass (BP)	Commonly used fluochromes
A	752LP	783/56	APC-Cy7, APC-H7
B	N/A	660/10	APC, Cy5, TO-PRO-3, AF647

Laser 405 nm			
	Optical filters		
Position	Long Pass (LP)	Band Pass (BP)	Commonly used fluochromes
A	755LP	N/A	BV786
B	500LP	528/45	BV510, AmCyan, Horizon V500, Qdot525, AF430
C	N/A	488/45	BV421, Pacific Blue, Horizon 450, AF405

BV= Brilliant Violet

AF= Alexa Flour