



Specifications Cell Analyzer (BD LSRFortessa, 4 laser):

Laser	Filter (nm) (wave length/band width)	Mirror (nm)	Dye	Laser	Filter (nm) (wave length/band width)	Mirror (nm)	Dye
Blue (488 nm)	510/20	505LP	FITC/GFP	Yellow Green	586/15	550LP	PE
<i>Octagon</i>	598/25	550LP	PE	(561 nm)	610/20	595LP	PE-CF594
	670/30	635LP	PE-Cy5	<i>Octagon</i>	670/30	635LP	PE-Cy5
					710/50	685LP	PE-Cy5.5
					780/60	750LP	PE-Cy7
Violett (405 nm)	450/50	NA	BV421	UV (355 nm)	450/40	NA	DAPI/Indo-1(hi)
<i>Octagon</i>	525/50	505LP	BV510	<i>Trigon</i>	530/30	502LP	Indo-1(low)
	610/20	595LP	BV605				
	670/30	655LP	BV650				
	710/50	690LP	BV711				
	780/60	750LP	BV786				

Note: Filters can be adapted according to specific experimental needs. However, excitation laser lines are fixed. Dyes represent typical examples of mostly antibody conjugated fluorophores, but are not meant exclusive.



Specifications Cell Sorter (BD FACSAria IIu, 3 laser):

Laser	Filter (nm) (wave length/band width)	Mirror (nm)	Dye
Blue (488 nm) <i>Octagon</i>	530/30 575/26 695/40 780/60	502LP 556LP 655LP 735LP	FITC/GFP PE PE-Cy5/PerCP PE-Cy7
Red (630 nm) <i>Octagon</i>	660/20 730/45 780/60	550LP 690LP 735LP	APC Alexa700 APC-Cy7/-H7
Violett (405 nm) <i>Trigon</i>	450/50 610/20 780/60	- 595LP 750LP	BV421/V450 BV605 BV786

Note: Filters can be adapted according to specific experimental needs. However, excitation laser lines are fixed. Dyes represent typical examples of mostly antibody conjugated fluorophores, but are not meant exclusive.