

BD LSRFortessa™ X-20 Cell Analyzer

Special Order Product

Filter Guide*

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Dyes	Standard Filters	Standard Mirrors
355 nm		
BD Horizon Brilliant™ Ultraviolet 395	379/28	NA
BD Horizon Brilliant™ Ultraviolet 737	740/35	690 LP
405 nm		
BD Horizon Brilliant™ Violet 421, BD Horizon™ V450	450/50	NA
BD Horizon Brilliant™ Violet 510, BD Horizon™ V500	525/50	505 LP
BD Horizon Brilliant™ Violet 605	610/20	595 LP
BD Horizon Brilliant™ Violet 650	670/30	655 LP
BD Horizon Brilliant™ Violet 711	710/50	690 LP
BD Horizon Brilliant™ Violet 786	780/60	750 LP
488 nm		
FITC, BD Horizon Brilliant™ Blue 515, Alexa Fluor® 488	530/30	505 LP
PE, Propidium Iodide (PI)	575/26	550 LP
BD Horizon™ PE-CF594	610/20	595 LP
7-AAD, PE-Cy™5, PerCP, PerCP-Cy™5.5	670/30	655 LP
PE-Cy™7	780/60	750 LP
640 nm		
APC, Alexa Fluor® 647	670/30	NA
Alexa Fluor® 700	730/45	710 LP
APC-H7, APC-Cy7	780/60	750 LP
Additional UV (355-nm) filters:		
DAPI, Hoechst, Indo-1 (violet)	450/50	NA†
Indo-1 (blue)	530/30	505 LP

*Commonly used filter configurations recommended by BD Biosciences. Other application-specific configurations with other lasers available through the special order program.
 †Assumes the 450/50 BP filter is in the last PMT position. A 410-420 LP mirror can be used if the 450/50 BP filter is in any other position.

LP = Longpass Filter



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488 nm		
FITC, BD Horizon Brilliant Blue 515, Alexa Fluor® 488	530/30	505 LP
7-AAD, PerCP, PerCP-Cy5.5	670/30	655 LP
561 nm		
PE, Propidium Iodide (PI)	586/15	550 LP
BD Horizon PE-CF594	610/20	595 LP
PE-Cy5	670/30	635 LP
PE-Cy5.5	710/50	685LP
PE-Cy7	780/60	750 LP
640 nm		
APC, Alexa Fluor® 647	670/30	NA
Alexa Fluor® 700	730/45	710 LP
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Class 1 Laser Product.

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

APC-Cy7: US Patent 5,714,386

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