

# BD LSRFortessa™ X-20 Cell Analyzer

## Special Order Product

### Filter Guide\*

#### 4 Laser

Dyes	Standard Filters	Standard Mirrors
<b>355 nm</b>		
BD Horizon Brilliant™ Ultraviolet 395	379/28	NA
BD Horizon Brilliant™ Ultraviolet 737	740/35	690 LP
<b>405 nm</b>		
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
<b>488 nm</b>		
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
<b>640 nm</b>		
APC, Alexa Fluor® 647	670/30	NA
Alexa Fluor® 700	730/45	710 LP
APC-H7, APC-Cy7	780/60	750 LP
<b>Additional UV (355-nm) filters:</b>		
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



# BD LSRFortessa™ X-20 Cell Analyzer

## Special Order Product

### Filter Guide\*

#### 5 Laser

Dyes	Standard Filters	Standard Mirrors
<b>355 nm</b>		
BD Horizon Brilliant Ultraviolet 395	379/28	NA
BD Horizon Brilliant Ultraviolet 737	740/35	690 LP
<b>405 nm</b>		
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
<b>488 nm</b>		
FITC, BD Horizon Brilliant Blue 515, Alexa Fluor® 488	530/30	505 LP
7-AAD, PerCP, PerCP-Cy5.5	670/30	655 LP
<b>561 nm</b>		
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
<b>640 nm</b>		
APC, Alexa Fluor® 647	670/30	NA
Alexa Fluor® 700	730/45	710 LP
APC-H7, APC-Cy7	780/60	750 LP
<b>Additional UV (355-nm) filters:</b>		
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

Class 1 Laser Product.

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

APC-Cy7: US Patent 5,714,386

Alexa Fluor® is a registered trademark of Life Technologies Corporation.

CF is a trademark of Biotium, Inc.

Cy™ is a trademark of GE Healthcare. Cy dyes are subject to proprietary rights of GE Healthcare and Carnegie Mellon University and are made and sold under license from GE Healthcare only for research and in vitro diagnostic use. Any other use requires a commercial sublicense from GE Healthcare, 800 Centennial Avenue, Piscataway, NJ 08855-1327, USA.

BD, BD Logo and all other trademarks are property of Becton, Dickinson and Company. © 2014 BD

23-15312-02



**BD Biosciences**  
bdbiosciences.com