

# BD FACSVerser<sup>TM</sup> Flow Cytometer

## Filter Guide

Dyes	Application	Filters	Mirrors
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### 1-laser, 4-color configuration

488 nm			
SSC	Cell surface markers, live/dead discrimination, cell cycle	488/15	NONE
FITC, BD Horizon Brilliant <sup>TM</sup> Blue 515, Alexa Fluor <sup>®</sup> 488	"	527/32	507 LP
PE, PI	"	586/42	560 LP
PerCP, PerCP-Cy <sup>TM</sup> 5.5, PE-Cy <sup>TM</sup> 5, 7-AAD	"	700/54	665 LP
PE-Cy <sup>TM</sup> 7	"	783/56	752 LP

### 2-laser, 6-color (4-2) configuration

488 nm			
SSC	Cell surface markers, live/dead discrimination, cell cycle	488/15	NONE
FITC, BD Horizon Brilliant Blue 515, Alexa Fluor <sup>®</sup> 488	"	527/32	507 LP
PE, PI	"	586/42	560 LP
PerCP, PerCP-Cy5.5, PE-Cy5, 7-AAD	"	700/54	665 LP
PE-Cy7	"	783/56	752 LP
633 nm			
APC, Alexa Fluor <sup>®</sup> 647	Cell surface markers	660/10	660/10
APC-Cy7, APC-H7	"	783/56	752 LP

### 3-laser, 8-color (4-2-2) configuration

488 nm			
SSC	Cell surface markers, live/dead discrimination, cell cycle	488/15	NONE
FITC, BD Horizon Brilliant Blue 515, Alexa Fluor <sup>®</sup> 488	"	527/32	507 LP
PE, PI	"	586/42	560 LP
PerCP, PerCP-Cy5.5, PE-Cy5, 7-AAD	"	700/54	665 LP
PE-Cy7	"	783/56	752 LP
633 nm			
APC, Alexa Fluor <sup>®</sup> 647	Cell surface markers	660/10	660/10
APC-Cy7, APC-H7	"	783/56	752 LP
405 nm			
BD Horizon <sup>TM</sup> V450, Pacific Blue <sup>TM</sup> , DAPI BD Horizon <sup>TM</sup> Violet Proliferation Dye 450, BD Horizon <sup>TM</sup> Fixable Viability Stain 450, BD Horizon Brilliant <sup>TM</sup> Violet 421	Cell surface markers, live/dead discrimination, cell cycle	448/45	448/45
BD Horizon <sup>TM</sup> V500, BD Horizon Brilliant <sup>TM</sup> Violet 510, AmCyan	Cell surface markers	528/45	500 LP

### Optional Mirror - Filter Sets

Dyes	Cat. No.	Application	Filters	Mirrors
Alexa Fluor <sup>®</sup> 700	653446	Cell surface markers	720/30	705 LP
BD Horizon <sup>TM</sup> PE-CF594, PE-Texas Red <sup>®</sup>	653447	"	613/18	605 LP
GFP	653448	Protein expression	510/10	510/10
YFP	653449	"	545/20	535 LP

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

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