

BD FACSVerser™ 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™ Blue 515, Alexa Fluor® 488	"	527/32	507 LP
PE, PI	"	586/42	560 LP
PerCP, PerCP-Cy™5.5, PE-Cy™5, 7-AAD	"	700/54	665 LP
PE-Cy™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® 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® 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® 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® 647	Cell surface markers	660/10	660/10
APC-Cy7, APC-H7	"	783/56	752 LP
405 nm			
BD Horizon™ V450, Pacific Blue™, DAPI	Cell surface markers, live/dead discrimination, cell cycle		
BD Horizon™ Violet Proliferation Dye 450, BD Horizon™ Fixable Viability Stain 450, BD Horizon Brilliant™ Violet 421		448/45	448/45
BD Horizon™ V500, BD Horizon Brilliant™ Violet 510, AmCyan	Cell surface markers	528/45	500 LP

Optional Mirror - Filter Sets

Dyes	Cat. No.	Application	Filters	Mirrors
Alexa Fluor® 700	653446	Cell surface markers	720/30	705 LP
BD Horizon™ PE-CF594, PE-Texas Red®	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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CF is a trademark of Biotium, Inc.

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