

BD FACSCanto™ II Flow Cytometer

Filter Guide

Dyes	Application	Filters	Mirrors
2-laser, 4-2 configuration			
488 nm			
SSC ²	Cell surface markers, live/dead discrimination, cell cycle	488/10	NA
FITC ² , Alexa Fluor® 488 ¹	"	530/30	502 LP
PE ²	"	585/42	556 LP
	"	NA	610 LP
PerCP ² , PerCP-Cy™5.5 ²	"	670 LP	655 LP
PE-Cy™7 ²	"	780/60	735 LP
633 nm			
APC ² , Alexa Fluor® 647 ¹	Cell surface markers	660/20	NA
	"	NA	685 LP
APC-Cy7 ² , APC-H7 ¹	"	780/60	735 LP
3-laser, 4-2-2 configuration			
405 nm			
BD Horizon™ V450 ¹ , Pacific Blue™ ¹ , DAPI ¹	Cell surface markers	450/50	NA
BD Horizon™ V500 ¹ , AmCyan ¹	"	510/50	502 LP
488 nm			
SSC ²	Cell surface markers, live/dead discrimination, cell cycle	488/10	NA
FITC ² , Alexa Fluor® 488 ¹	"	530/30	502 LP
PE ²	"	585/42	556 LP
	"	NA	610 LPL
PerCP ² , PerCP-Cy5.5 ²	"	670 LP	655 LP
PE-Cy7 ²	"	780/60	735 LP
633 nm			
APC ² , Alexa Fluor® 647 ¹	Cell surface markers	660/20	NA
	"	NA	685 LP
APC-Cy7 ² , APC-H7 ¹	"	780/60	735 LP
2-laser, 5-3 configuration			
488 nm			
SSC ²	Cell surface markers, live/dead discrimination, cell cycle	488/10	NA
FITC ² , Alexa Fluor® 488 ¹	"	530/30	502 LP
PE ²	"	585/42	556 LP
BD Horizon™ PE-CF594 ¹ , PI ¹	"	616/23	610 LP
PerCP ² , PerCP-Cy5.5 ²	"	670 LP	655 LP
PE-Cy7 ²	"	780/60	735 LP
633 nm			
APC ² , Alexa Fluor® 647 ¹	Cell surface markers	660/20	NA
Alexa Fluor® 700 ¹	"	712/21	685 LP
APC-Cy7 ² , APC-H7 ¹	"	780/60	735 LP

LP = Longpass Filter

Unless otherwise noted, For In Vitro Diagnostic Use. CE marked to the European In Vitro Diagnostic Medical Device Directive 98/79/EC.

Class 1 Laser Product.

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