

Preconfigured BD™ LSR II Cell Analyzer

Filter Guide*

Dyes	Application	Standard Filters	Standard Mirrors
355 nm			
DAPI/Hoechst	Cell cycle	450/50	NA
Indo-1 (Ca bound)	Ca ²⁺ flux	450/50	NA
Indo-1 (Ca unbound)	"	530/30	505 LP
405 nm			
BD Horizon™ V450/Pacific Blue™	Cell surface markers	450/50	NA
AmCyan/Alexa Fluor® 430	"	525/50	505 LP
488 nm			
SSC	Cell surface markers, live/dead discrimination, cell cycle	488/10	NA
FITC/Alexa Fluor® 488	"	530/30	505 LP
PE	"	575/26	550 LP
PE-Texas Red®/PI	"	610/20	600 LP
PerCP	"	670/14	635 LP
PE-Cy™5	"	670/14	635 LP
PE-Cy™5.5	"	695/40	685 LP
PE-Cy™7	"	780/60	735 LP ¹
561 nm			Coming Soon
640 nm			
APC/Alexa Fluor® 647	Cell surface markers	670/30 ²	NA
Alexa Fluor® 700	"	730/45	710 LP
APC-Cy7 or APC-H7	"	780/60	735 LP ³

* Filter configurations qualified by BD Biosciences. Other application-specific lasers are available through the special order program.

LP = Longpass Filter ¹755 LP if using more than 4 colors simultaneously ²660/20 bandpass filter if using 633-nm laser ³755 LP if using with Alexa Fluor® 700

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Class I (1) laser product.

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