

BD LSRFortessa™ Cell Analyzer

Bandpass Filter Guide*

Dyes	Application	Standard Filters	Standard Mirrors
355 nm			
DAPI/Hoechst	Cell cycle	450/50	NA
Alexa Fluor® 350	Cell surface markers	450/50	NA
Indo-1 (violet)	Ca ²⁺ flux	450/50	NA
Indo-1 (blue)	"	530/30	505 LP
405 nm			
BD Horizon™ V450/Pacific Blue™	Cell surface markers	450/50	NA
BD Horizon™ V500/AmCyan	"	525/50	475 LP
Qdot® 565	"	560/20	545 LP
Qdot 585	"	585/15	575 LP
Qdot 605	"	605/12	595 LP
Qdot 655	"	655/8	630 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
PE-Cy™5	"	670/30	655 LP
PerCP/PE-Cy™5.5	"	695/40	685 LP
PE-Cy™7	"	780/60	750 LP
561 nm			Coming Soon
640 nm			
APC	Cell surface markers	670/14	NA
Alexa Fluor® 680	"	685/35	675 LP
Alexa Fluor® 700	"	730/45	710 LP
APC-Cy7/APC-H7	"	780/60	750 LP

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

LP = Longpass Filter

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