

Default Filters for Configuration BD_LSR-Fortessa_18-COLOR_20181211

Laser	Detector Name	Dichroic Mirror	Bandpass Filter	Sample Parameters / Fluorochromes
Blue	FSC	None	None	FSC
	SSC	None	488/10	SSC
	488C-515	505 LP	515/20	BB515; FITC; AF488; EGFP; zsGreen; mCitrine; Clover; mVenus; Emerald; DC Green; SYTOX Green; CFSE; L/D/F Green
	488B-586	550 LP	586/15	PE; PI
	488A-695	685 LP	695/40	BB700; PerCP-Cy5.5 (best); PerCP-eFluor710 (best); PE-Cy5.5; PE-AF700; PerCP; PI; 7-AAD
Red	640C-670	None	670/30	AF647; AF660; APC; eFluor 660; DC Ruby; SYTOX Red; TO-PRO-3; L/D/F Far Red
	640B-730	685 LP	730/45	AF680; AF700; APC-R700; iRFP
	640A-780	750 LP	780/60	APC-H7; APC-AF750; APC-Cy7; APC-eFluor 780; L/D/F Near-IR
Violet	405E-450	None	450/40	BV421; SB436; Pacific Blue; Horizon V450; AF405; eFluor 450; CFP; DC Violet; SYTOX Blue; CellTrace calcein Violet AM; L/D/F Violet; DAPI
	405D-525	505 LP	525/50	BV480; BV510; AmCyan; Pacific Orange; AF430; CFP; L/D/F Aqua
	405C-610	595LP	610/20	BV605; SB600; Qdot 605; eFluor 605NC
	405B-660	630 LP	660/20	BV650; SB645; Qdot 655; eFluor 650NC
	405A-710	695 LP	710/50	BV711; SB702; Qdot 705
UV	355C-379	None	379/28	BUV395
	355B-474	450LP	474/25	CellTrace calcein Blue AM; L/D/F Blue; DC Violet; Hoechst 33342; Hoechst 33258; DAPI (best)
	355A-730	685 LP	730/45	BUV737; Qdot 705
Yellow/ Green	561D-586	None	586/15	PE (best); various Red Fluorescent Proteins (tdTomato; mOrange; dsRed); DC Orange; PI
	561C-610	595 LP	610/20	PE-Dazzle 594; PE-AF610; PE-Texas Red; various Red Fluorescent Proteins (RFP; mCherry; mKate; mStrawberry); L/D/F Red; PI (best); 7-AAD
	561B-695	655 LP	695/40	PE-Cy5.5 (best); PE-AF700 (best); PerCP-Cy5.5; PerCP-eFluor 710; 7-AAD
	561A-780	750 LP	780/60	PE-Cy7

Abbreviations:

DC - Vybrant™ DyeCycle™ (Thermo Fisher Scientific Inc.)

L/D/F - LIVE/DEAD™ Fixable (Thermo Fisher Scientific Inc.)

AF xxx - Alexa Fluor (Thermo Fisher Scientific Inc.)

BB xxx - BD Horizon Brilliant™ Blue (BD Biosciences Inc.)

BV xxx - BD Horizon Brilliant™ Violet (BD Biosciences Inc.)

BUV xxx - BD Horizon Brilliant™ Ultra Violet (BD Biosciences Inc.)

SB xxx - Super Bright (Thermo Fisher Scientific Inc.)

Note 1: This table shows examples of dyes that can be used with current configuration. Not all colors are listed.

Note 2: Instrument is customizable. Other sets of mirrors and filters are available upon request.