

DFCI Flow Core - BD Aria III Optical Configuration

Violet (405 nm)

450/50	525/50	586/15	610/20	670/30	712/22	747/27	780/60
Violet A	Violet B	Violet C	Violet D	Violet E	Violet F	Violet G	Violet H
VL 450 BV421 BFP DAPI L/D Violet Pacific Blue Spark Violet 423 Sytox Blue V450	VL 525 BV510 CFP L/D Aqua Spark Violet 500 V500 Zombie Aqua	VL 570 BV570 Pacific Orange LSSmOrange	VL 610 BV605 L/D Yellow Zombie Yellow	VL 670 BV650	VL 712 BV711	VL 747 BV750	VL 780 BV785 BV786

Blue (488 nm)

530/30	695/40
Blue A	Blue B
BL 530 FITC AmCyan AF488 BB515 CFSE GFP KB520 L/D Green Spark Blue 515 YFP	BL 695 PerCP BB700 PerCP-Cy5.5 PerCP-eFluor 710 RB705

DISCLAIMER ** If your desired fluorophore is not listed, please select the emission filter set **

Yellow-Green (561 nm)

585/15	610/20	670/30	710/50	780/60
YG A	YG B	YG C	YG D	YG E
YGL 585 PE dsRed RFP RY586 SparkYG581 tdTomato	YGL 610 AF594 PE-CF594 PE-Dazzle594 PE-Texas Red mCherry PI RY610	YGL 670 PE-Cy5 7AAD RY655	YGL 710 PE-Cy5.5 RY703	YGL 780 PE-Cy7 PE-Fire750 RY775

Red (640 nm)

670/30	730/45	780/60
Red A	Red B	Red C
RL 670 APC AF647 Spark NIR 685 Sytox Red	RL 730 AF700 R718 Spark Red 718	RL 780 APC-Cy7 APC-eFluor 780 APC-Fire 750 APC-Fire810 APC-H7 Zombie NIR