

FACS Aria Fusion Sansa Violet-Blue-YG-Red Configuration

| Lasers | Filter | LP | PMT | Examples: |
|--------------------------|----------|--------|--------------|---|
| Violet : 405 | F | 450/50 | V450 | DAPI , Pacific Blue, BV421, V450, Violet Live/Dead, SBV440, VioBrightV423, VioBlue, eF450 |
| | E | 525/50 | 505LP | V525 AmCyan , BV510, V500, Aqua Live/Dead, SBV475, SBV515, BioGreen, ZombieAqua |
| | D | 610/20 | 595LP | V610 BV605 , QD605, SBV570, SBV610 |
| | C | 660/20 | 630LP | V660 BV650 , QD655, SBV670 |
| | B | 710/50 | 690LP | V710 BV711 , QD705, SBV710 |
| | A | 780/60 | 750LP | V780 BV786 , QD800, SBV760 |
| Blue: 488 | C | 488/10 | SSC | SSC |
| | B | 530/30 | 502LP | B530 FITC , Alexa488, GFP, Green Live/Dead, BB515, VioBright515, VioBrightFITC, CFSE |
| | A | 695/40 | 655LP | B695 PerCP-Cy5.5 , PerCP, PerCP-eF710, SBB675, SBB700, BB700, PerCP-Vio 700, |
| Yellow/Green: 561 | E | 582/15 | YG582 | PE , tdTomato, dsRed, SBY575 |
| | D | 610/20 | 600LP | YG610 PE-Texas Red , PI, PE-CF594, Red Live/Dead, mCherry, PE-Dazzle594, SBY605, PE-DyL594, PE-Vio615 |
| | C | 670/14 | 630LP | YG670 PE-Cy5 , 7AAD, PE-A647, SBY665 |
| | B | 710/50 | 685LP | YG710 PE Cy5.5 , PE-Alexa700, SBY720 |
| | A | 780/60 | 735LP | YG780 PE-Cy7 , PE-A750, SBY800, PE-Vio 770 |
| Red: 633 | C | 670/30 | 635LP | R670 APC , Alexa 647, Far Red Live/Dead, SBR670, eF660, Vio Bright R667 |
| | B | 730/45 | 690LP | R730 Alexa700 , Red718, APC-R700, SBR715, Vio Bright R720 |
| | A | 780/60 | 755LP | R780 APC-Cy7 , APC-H7, APC-eF780, SBR775, APC-Fire750, APC-Vio 770, L/D NIR, Zombie NIR |

Biomedicum Flow Cytometry (BFC) Core Facility