

BD FACSAria II SORP (CRTD 1st floor north, room 1.229)

| <i>Laser</i> | <i>Detector</i> | <i>Optical filters</i> | | | | <i>Fluorochrome examples</i> |
|---------------|-----------------|------------------------|-----------|-------------|-----|--|
| | | <i>LP</i> | <i>BP</i> | <i>band</i> | | |
| UV | 355 A | 505 | 530 / 30 | 515 | 545 | BUV496, VioGreen, Indo-1 (Blue: Calcium free) |
| 355 nm | 355 B | - | 450 / 50 | 425 | 475 | Hoechst 33342, DAPI, Indo-1 (Violet: Calcium bound) |
| Violet | 405 A | 505 | 525 / 50 | 500 | 550 | BV510, V500, AmCyan, mTurquoise, CFP |
| 405 nm | 405 B | - | 450 / 50 | 425 | 475 | BV421, V450, Pacific Blue, eFluor450, SytoxBlue, BFP |
| Blue | 488 A | 685 | 695 / 40 | 675 | 715 | PerCP-Cy5.5, 7AAD, (PerCP) |
| 488 nm | 488 B | 505 | 525 / 50 | 500 | 550 | FITC, AF488, BB515, GFP, Venus |
| | 488 C | - | 488 / 10 | 483 | 493 | SSC |
| | GFP/YFP-488 A | 525 | 545 / 35 | 528 | 563 | YFP |
| Configuration | 488 B | 495 | 515 / 20 | 505 | 525 | GFP |
| Yellow-Green | 561 A | 750 | 780 / 60 | 750 | 810 | PE-Cy7, PE-AF750, PE-Vio770 |
| 561 nm | 561 B | 685 | 710 / 50 | 685 | 735 | PE-Cy5.5, PE-AF700 |
| | 561 C | 635 | 660 / 20 | 650 | 670 | PE-Cy5, PE-AF680, PI, 7AAD, mPlum |
| | 561 D | 600 | 610 / 20 | 600 | 620 | PE-Texas Red, PE-CF594, PE-AF/eFluor610, PE-Vio615, PI, mCherry, mRuby |
| | 561 E | 570 | 586 / 15 | 579 | 594 | PE, Cy3, tdTomato, DsRed, RFP, (PI) |
| Red | 640 A | 750 | 780 / 60 | 750 | 810 | APC-Cy7, APC-H7, APC-AF750, APC-Vio770, APC-eFluor780 |
| 640 nm | 640 B | 690 | 730 / 45 | 708 | 753 | Alexa Fluor (AF)700, APC-R700 |
| | 640 C | - | 670 / 14 | 663 | 677 | APC, AF647, eFluor660, To-PRO-3, DRAQ5 |