

Melbourne Cytometry Platform cell sorter configurations

| | | MBC | Doherty Institute node | | | Dental School | |
|----------------|--------|---------------|------------------------|-------------|--------------|---------------|-----------------------|
| Laser | BP | FACS Aria III | FACS Aria III | FACS Fusion | CytoFLEX SRT | Astrios EQ | Typical Fluoros |
| 355nm (UV) | 379/28 | | ◆ | | | | BUV395 |
| | 515/30 | | ◆ | | | | BUV496 |
| | 670/25 | | ◆ | | | | BUV661 |
| | 740/35 | | / | | | | BUV737 |
| | 820/60 | | ◆ | | | | BUV805 |
| 405nm (violet) | 450/40 | ◆ | ◆ | ◆ | 450/45 | 448/59 | BV421, DAPI |
| | 525/50 | ◆ | ◆ | ◆ | 525/40 | 510/20 | BV510, LD Aqua |
| | 546/20 | | | | | ◆ | LD Aqua |
| | 586/15 | | ◆ | | | 579/16 | BV570 |
| | 610/20 | ◆ | / | ◆ | ◆ | 614/20 | BV605 |
| | 660/20 | / | ◆ | ◆ | 660/10 | 664/22 | BV650 |
| | 710/50 | ◆ | / | ◆ | / | | BV711 |
| 780/60 | / | ◆ | ◆ | ◆ | | BV786 | |
| 488 nm (blue) | 510/20 | / | / | | | 513/26 | GFP |
| | 530/30 | ◆ | ◆ | ◆ | 525/40 | 526/52 | FITC, GFP, YFP, BB515 |
| | 675/20 | | | / | | 671/30 | PerCP |
| | 695/40 | ◆ | ◆ | | 690/50 | 692/29 | PerCP-Cy5.5, BB700 |
| 561nm (YG) | 582/15 | ◆ | ◆ | ◆ | 585/42 | 576/21 | PE |
| | 610/20 | ◆ | ◆ | ◆ | ◆ | 620/29 | mCherry |
| | 670/14 | ◆ | / | ◆ | 675/30 | 664/22 | PECy5 |
| | 710/50 | | / | ◆ | ◆ | 710/45 | PECy5.5 |
| | 780/60 | ◆ | ◆ | ◆ | ◆ | 795/70 | PECy7 |
| 640nm (red) | 660/20 | ◆ | ◆ | 670/30 | 660/10 | 671/30 | APC, AF647 |
| | 730/45 | ◆ | ◆ | ◆ | 712/25 | 722/44 | AF700 |
| | 780/60 | ◆ | ◆ | ◆ | ◆ | 795/70 | APCCy7 |

| | FILTERS |
|---|----------|
| / | optional |
| ◆ | standard |
| | N/A |