

| Commonly used fluorescent dyes | Laser | Fluorescent Channel | | | | | |
|---|-----------|---------------------|--------------------------|--------------------------|-------------------------|-------------------------|-------------------------|
| Number of detectors | | | 5 Laser NUV 19 Colors | 6 Laser NUV 21 Colors | 4 Laser UV 14 Colors | 5 Laser UV 19 Colors | 6 Laser UV 21 Colors |
| Indol, BUV395 | 355 nm | 400/30 BP | | | • | • | • |
| DAPI, Hoechst Blue | | 450/45 BP | | | • | • | • |
| Hoechst Red, BUV661 | | 675/30 BP | | | • | • | • |
| DAPI, Hoechst Blue | 375 nm | 450/45 BP | • | • | | | |
| BUV496, Fura-2 | | 525/45 BP | • | • | | | |
| Hoechst Red, BUV661 | | 675/30 BP | • | • | | | |
| Pacific Blue, V450, eFluor 450, BV421 | 405 nm | 450/45 BP | • | • | • | • | • |
| Krome Orange, AmCyan, V500, BV510 | | 525/40 BP | • | • | • | • | • |
| BV605, Qdot 605 | | 610/20 BP | • | • | • | • | • |
| BV650, Qdot 655 | | 660/20 BP | • | • | • | • | • |
| BV785 | | 763/43 BP | • | • | • | • | • |
| FITC, Alexa Fluor 488, CFSE, Fluo-3 | | 488 nm | 525/40 BP | • | • | • | • |
| ECD, PE-Texas Red, PE-CF594, PI | 610/20 BP | | • | • | • | • | • |
| PC5.5, PC5, PerCP, PerCP-Cy5.5, PI | 690/50 BP | | • | • | • | • | • |
| PE, PI, DsRed | 561 nm | 585/42 BP | • | • | • | • | • |
| ECD, PE-Texas Red, PE-CF594, PI, mCherry | | 610/20 BP | • | • | | • | • |
| PC5.5, PC5, PerCP, PerCP-Cy5.5, PI | | 675/30 BP | • | • | • | • | • |
| PE-AF680 | | 710/50 BP | • | • | | • | • |
| PC7 | | 763/42 BP | • | • | • | • | • |
| APC, Alexa Fluor 647, eFluor 660 | | 638 nm | 660/10 BP | • | • | | • |
| APC-A700, Alexa Fluor 700 | 712/25 BP | | • | • | | • | • |
| APC-A750, APC Cy7, APC-H7, APC eFluor 780 | 763/43 BP | | • | • | | • | • |
| AF-790 | 808 nm | 840/20 BP | | • | | | • |
| PF840 | | 885/40 BP | | • | | | • |

*Additional custom filter sets are also available for user installation.