| Laser | Excitation | Power / mW | Channels for detection | Detector names |
|---|---|---|---|---|
| Ultraviolet | 355 nm | 20 | 16 | UV1–UV16 |
| Violet | 405 nm | 100 | 16 | V1–V16 |
| Blue | 488 nm | 50 | 14 | B1–B14 |
| YellowGreen | 561 nm | 50 | 10 | YG1–YG10 |
| Red | 640 nm | 80 | 8 | R1–R8 |

| Laser | Channel | Center / nm | Bandwidth / nm | Start / nm | End / nm |
|---|---|---|---|---|---|
| Ultraviolet | UV1 | 373 | 15 | 365 | 380 |
| | UV2 | 388 | 15 | 380 | 395 |
| | UV3 | 428 | 15 | 420 | 435 |
| | UV4 | 443 | 15 | 436 | 451 |
| | UV5 | 458 | 15 | 451 | 466 |
| | UV6 | 473 | 15 | 466 | 481 |
| | UV7 | 514 | 28 | 500 | 528 |
| | UV8 | 542 | 28 | 528 | 556 |
| | UV9 | 582 | 31 | 566 | 597 |
| | UV10 | 613 | 31 | 597 | 628 |
| | UV11 | 664 | 27 | 651 | 678 |
| | UV12 | 692 | 28 | 678 | 706 |
| | UV13 | 720 | 29 | 706 | 735 |
| | UV14 | 750 | 30 | 735 | 765 |
| | UV15 | 780 | 30 | 765 | 795 |
| | UV16 | 812 | 34 | 795 | 829 |
| Violet | V1 | 428 | 15 | 420 | 435 |
| | V2 | 443 | 15 | 436 | 451 |
| | V3 | 458 | 15 | 451 | 466 |
| | V4 | 473 | 15 | 466 | 481 |
| | V5 | 508 | 20 | 498 | 518 |
| | V6 | 525 | 17 | 516 | 533 |
| | V7 | 542 | 17 | 533 | 550 |
| | V8 | 581 | 19 | 571 | 590 |
| | V9 | 598 | 20 | 588 | 608 |
| | V10 | 615 | 20 | 605 | 625 |
| | V11 | 664 | 27 | 651 | 678 |
| | V12 | 692 | 28 | 678 | 706 |
| | V13 | 720 | 29 | 706 | 735 |
| | V14 | 750 | 30 | 735 | 765 |
| | V15 | 780 | 30 | 765 | 795 |
| | V16 | 812 | 34 | 795 | 829 |
| Blue | B1 | 508 | 20 | 498 | 518 |
| | B2 | 525 | 17 | 516 | 533 |
| | B3 | 542 | 17 | 533 | 550 |
| | B4 | 581 | 19 | 571 | 590 |
| | B5 | 598 | 20 | 588 | 608 |
| | B6 | 615 | 20 | 605 | 625 |
| | B7 | 661 | 17 | 653 | 670 |

| | | | | | |
|---|---|---|---|---|---|
| | B8 | 679 | 18 | 670 | 688 |
| | B9 | 697 | 19 | 688 | 707 |
| | B10 | 717 | 20 | 707 | 727 |
| | B11 | 738 | 21 | 728 | 749 |
| | B12 | 760 | 23 | 749 | 772 |
| | B13 | 783 | 23 | 772 | 795 |
| | B14 | 812 | 34 | 795 | 829 |
| YellowGreen | YG1 | 577 | 20 | 567 | 587 |
| | YG2 | 598 | 20 | 588 | 608 |
| | YG3 | 615 | 20 | 605 | 625 |
| | YG4 | 661 | 17 | 653 | 670 |
| | YG5 | 679 | 18 | 670 | 688 |
| | YG6 | 697 | 19 | 688 | 707 |
| | YG7 | 720 | 29 | 706 | 735 |
| | YG8 | 750 | 30 | 735 | 765 |
| | YG9 | 780 | 30 | 765 | 795 |
| | YG10 | 812 | 34 | 795 | 829 |
| Red | R1 | 661 | 17 | 653 | 670 |
| | R2 | 679 | 18 | 670 | 688 |
| | R3 | 697 | 19 | 688 | 707 |
| | R4 | 717 | 20 | 707 | 727 |
| | R5 | 738 | 21 | 728 | 749 |
| | R6 | 760 | 23 | 749 | 772 |
| | R7 | 783 | 23 | 772 | 795 |
| | R8 | 812 | 34 | 795 | 829 |