Fluorophore selection guide BD FACSDiscover S8 Cell Sorter

| aser | Channel | Channel start-end (nm) | Recommended Invitrogen [™] dye for antibody conjugates | Abs/Em (nm) | Relative brightne |
|-------------|-----------------|------------------------|--|--------------------|-------------------|
| | UV1–UV2 | 365–400 | | | |
| | UV3 | 410-425 | Brilliant Ultra Violet [™] 395 Dye | 347/399 | Low |
| | UV4–UV6 | 425-495 | | 0.40/400 | B.A.s. I' |
| | UV7 UV8–UV10 | 495–510 510–555 | Brilliant Ultra Violet™ 496 Dye | 348/493 | Medium |
| | UV11 | 570-585 | Brilliant Ultra Violet™ 563 Dye | 349/563 | Medium |
| | 111/12 | 585-600 | | 043/300 | Wedduni |
| JItraviolet | UV13 | 600-620 | Brilliant Ultra Violet [™] 615 Dye | 350/607 | High |
| 349 nm | UV14 | 620-640 | | | |
| 543 IIII | UV15 | 640-660 | Brilliant Ultra Violet [™] 661 Dye | 349/659 | High |
| | | 660–710 | | | |
| | UV18 | 710–740 | Brilliant Ultra Violet [™] 737 Dye | 350/740 | High |
| | UV19 | 740-770 | eBioscience [™] NovaFluor [™] UltraViolet 765 Dye | 358/763 | Medium |
| | UV20 UV21 | 770-800 | | 0.40/00.4 | M a aliuna |
| | UV21 UV22 | 800-830 830-860 | Brilliant Ultra Violet [™] 805 Dye | 349/804 | Medium |
| | V1 | 410-430 | Brilliant Violet [™] 421 Dye | 406/423 | High |
| | | | eBioscience [™] Super Bright [™] 436 Dye | 413/431 | High |
| | V2 | 430-450 | eBioscience™ eFluor™ 450 Dye | 405/445 | Low |
| | V3 | 450-475 | Pacific Blue [™] Dye | 404/455 | Low |
| | V4 | 475–495 | Brilliant Violet [™] 480 Dye | 437/478 | Medium |
| | V5 | 495–510 | | | |
| | V6 | 510-525 | eBioscience™ eFluor™ 506 Dye | 419/508 | Low |
| | V7–V8 V9 | 525-555 | Pacific Oranga [™] Dua | 400/551 | |
| | V9 V10 | 570-585 585-600 | Pacific Orange [™] Dye | 400/551 | Low |
| | | | eBioscience [™] Super Bright [™] 600 Dye | 414/601 | Low |
| /iolet | V11 | 600–620 | Brilliant Violet [™] 605 Dye | 405/605 | Medium |
| 105 nm | V12 | 620–640 | eBioscience™ Super Bright™ 645 Dye | 414/645 | Low |
| | V13 | 640-660 | Brilliant Violet [™] 650 Dye | 407/646 | High |
| | V14 | 660–680 | | | |
| | | | eBioscience [™] NovaFluor [™] Violet 690 Dye | 408/691 | Medium |
| | V15 | 680–710 | eBioscience [™] Super Bright [™] 702 Dye | 413/702 | Medium |
| | 140 | 740 740 | Brilliant Violet [™] 711 Dye | 406/711 | Low |
| | V16 V17 | 710–740 740–770 | eBioscience [™] NovaFluor [™] Violet 745 Dye | 391/743 | Low |
| | | | eBioscience [™] Super Bright [™] 780 Dye | 413/780 | High |
| | V18 | 770-800 | Brilliant Violet [™] 786 Dye | 406/788 | High |
| | V19 | 800-830 | eBioscience [™] NovaFluor [™] Violet 800 Dye | 408/800 | Low |
| | V20 | 830-860 | | | |
| | B1 | 495–510 | | | |
| | B2 | 510-525 | eBioscience [™] NovaFluor [™] Blue 510 Dye | 493/513 | Medium |
| | | | Alexa Fluor™ 488 Dye; Fluorescein (FITC) | 490/520 | Medium |
| | B3 | 525-540 | eBioscience™ NovaFluor™ Blue 530 Dye | 508/527 | Low |
| | B4 B5-B6 | 540-555 | eBioscience [™] NovaFluor [™] Blue 555 Dye; Alexa Fluor [™] 532 Dye | 493/555 | Low |
| | DD-D0 | 570-600 | eBioscience [™] NovaFluor [™] Blue 585 Dye | 493/586 | Low |
| Blue | B7 | 600-620 | eBioscience [™] NovaFluor [™] Blue 610-70S Dye | 492/616 | Low |
| | B8-B9 | 620-660 | | 432/010 | 2000 |
| 188 nm | B10 | 660-680 | eBioscience [™] NovaFluor [™] Blue 660-120S Dye | 508/664 | Medium |
| | D11 | 690 710 | PerCP-Cyanine5.5 Dye; PerCP-eFluor [™] 710 Dye | 489/679 | Low |
| | B11 | 680–710 | eBioscience [™] NovaFluor [™] Blue 690 Dye | 494/690 | Low |
| | B12 | 710–740 | eBioscience [™] NovaFluor [™] Blue 725 Dye | 492/725 | Medium |
| | B13 | 740-770 | eBioscience™ NovaFluor™ Blue 760 Dye | 490/764 | Medium |
| | B14 | 770-800 | eBioscience [™] NovaFluor [™] Blue 800 Dye | 493/806 | High |
| | B15-B16 | 800-860 | eBioscience [™] NoveEluor [™] Vellow 570 Duot Alovo Eluor [™] 561 Duo | 551/566 | Medium |
| | YG1 | 570–585 | eBioscience [™] NovaFluor [™] Yellow 570 Dye; Alexa Fluor [™] 561 Dye R-Phycoerythrin (R-PE) | 565/576 | High |
| | YG2 | 585-600 | | 000/010 | |
| | | | eBioscience™ NovaFluor™ Yellow 610 Dye | 551/614 | High |
| | YG3 | 600–620 | eBioscience™ PE-eFluor™ 610 Dye | 565/606 | High |
| | YG4 | 620–640 | | | |
| ellow- | YG5 | 640–660 | eBioscience [™] NovaFluor [™] Yellow 660 Dye | 550/664 | High |
| green | YG6 | 660–680 | PE-Cyanine5 Dye | 565/680 | High |
| | V07 | C00 710 | eBioscience [™] NovaFluor [™] Yellow 690 Dye | 551/691 | High |
| 561 nm | YG7 | 680–710 | PE-Cyanine5.5 Dye cBioscioneo™ NeveElucr™ Yellow 700 Dve | 565/700 | High |
| | YG8 | 710–740 | eBioscience [™] NovaFluor [™] Yellow 700 Dye eBioscience [™] NovaFluor [™] Yellow 730 Dye | 551/701 551/730 | High Medium |
| | YG9 | 740–740 | eBioscience™ NovaFluor™ Yellow 755 Dye | 552/755 | Medium |
| | YG10 | 770-800 | PE-Cyanine7 Dye | 569/780 | High |
| | YG11 | 800-830 | eBioscience™ NovaFluor™ Yellow 810 Dye | 551/813 | High |
| | YG12 | 830-860 | | | |
| | R1 | 640-660 | Allophycocyanin (APC) | 651/660 | High |
| | R2 | 660–680 | eBioscience™ eFluor™ 660 Dye; Alexa Fluor™ 647 Dye | 651/668 | High |
| | | | eBioscience [™] NovaFluor [™] Red 685 Dye | 637/685 | High |
| Dod | R3 | 680–710 | Alexa Fluor™ 660 Dye | 663/691 | Medium |
| Red | - | | eBioscience™ NovaFluor™ Red 710 Dye | 637/713 | High |
| 637 nm | R4 | 710-740 | Alexa Fluor™ 700 Dye | 696/719 | Medium |
| | R5 | 740–770 | eBioscience [™] NovaFluor [™] Red 725 Dye | 636/725 | High |
| | R6 | 770-800 | eBioscience [™] NovaFluor [™] Red 755 Dye | 636/755 | High |
| | | | eBioscience [™] APC-eFluor [™] 780 Dye | 651/785 | High |

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Fluorophore selection guide

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Reagent selection guide BD FACSDiscover S8 Cell Sorter

| | Channel | Channel start-end (nm) | Invitrogen [™] functional reagent | Abs/Em (nm) | Reagent category |
|------------------------|--|---|--|--|---|
| | UV1–UV2 | 365-400 | | | |
| | UV3 | 410-425 | CellTrace [™] Blue Cell Proliferation Stain | 350/450 | Proliferation tracking sta |
| | 013 | 10-420 | Vybrant [™] DyeCycle [™] Violet Stain | 355/410 | DNA stain |
| Jltraviolet | | 105 150 | LIVE/DEAD [™] Fixable Blue Dead Cell Stain | 343/441 | Fixable viability stain |
| 349 nm | UV4 | 425-450 | Click-iT [™] Plus EdU Alexa Fluor [™] 350 Stain | 343/441 | DNA stain |
| | | | Annexin V-Alexa Fluor [™] 350 Conjugate FxCycle [™] Violet Stain | 369/437 358/461 | Apoptosis tracking stain DNA stain |
| | UV5 | 450-475 | | 358/461 | DNA stain |
| | 005 | 450-475 | Hoechst 33342 Nucleic Acid Stain | 361/497 | DNA stain |
| | UV6-UV22 | 475-860 | | 0017437 | |
| | V1 | 410-430 | | | |
| | V2 | | eBioscience [™] Annexin V–eFluor [™] 450 7-AAD Stain | 405/445 | Apoptosis tracking stain |
| | V2 | 430-450 | PO-PRO [™] -1 lodide (435/455) Stain | 435/455 | DNA stain |
| | V3 | 450–475 475–495 | LIVE/DEAD [™] Fixable Violet Dead Cell Stain | 416/451 | Fixable viability stain |
| | | | CellTrace [™] Violet Cell Proliferation Stain | 405/450 | Proliferation tracking sta |
| /iolet | | | Annexin V–Pacific Blue [™] Conjugate | 404/455 | Apoptosis tracking |
| | | | Click-iT [™] Plus EdU Pacific Blue [™] Stain SYTOX [™] Blue Nucleic Acid Stain | 404/455 444/480 | DNA stain |
| 405 nm | V4 V5 | 495–510 | LIVE/DEAD [™] Fixable Lime (506) Viability Stain | 405/506 | DNA stain Fixable viability stain |
| | | | Violet Ratiometric Stain | 425/530, 585 | Fixable viability stain |
| | V6 | 510-525 | LIVE/DEAD [™] Fixable Aqua Dead Cell Stain | 375/526 | Apoptosis tracking |
| | V7–V8 | 525-555 | | 010/020 | hpoptosis traditing |
| | V9 | 570-585 | LIVE/DEAD [™] Fixable Yellow Dead Cell Stain | 400/575 | Fixable viability stain |
| | V10-V20 | 585-860 | | | |
| | B1 | 495-510 | MitoProbe [™] DiOC₂(3) Stain | 482/497 | Mitochondria stain |
| | | -33-310 | YO-PRO [™] -1 lodide Stain | 491/509 | DNA stain |
| | | 510-525 | Annexin V-FITC Conjugate | 498/517 | Apoptosis tracking stair |
| | | | CellTrace [™] CFSE Cell Proliferation Stain | 495/519 | Proliferation tracking sta |
| | B2 | | Annexin V–Alexa Fluor™ 488 Conjugate | 499/520 | Apoptosis tracking stair |
| | | | APO-BrdU [™] TUNEL with Alexa Fluor [™] 488 Anti-BrdU | 499/520 | DNA stain, apoptosis |
| | | | Click iT™ Dhuo Edil Alexa Elucy™ 499 Conjugata | 400/500 | tracking stain DNA stain |
| | | | Click-iT [™] Plus EdU Alexa Fluor [™] 488 Conjugate CellROX [™] Green Reagent | 499/520 485/520 | Oxidation tracking stain |
| | | | SYTOX [™] Green Nucleic Acid Stain | 504/523 | DNA stain |
| Blue | В3 | 525-540 | LIVE/DEAD [™] Fixable Green Dead Cell Stain | 495/520 | Fixable viability stain |
| Jue | | | MitoProbe [™] JC-1 Assay | 514/529, 590 | Mitochondria stain |
| 188 nm | | | | 509/533 | Endocytosis tracking st |
| | | | pHrodo [™] Green Maleimide S. aureus BioParticles | 509/533 | |
| | | | Conjugate | 509/533 | Endocytosis tracking st |
| | | | CellEvent [™] Caspase-3/7 Green Detection Reagent | 502/530 | Apoptosis tracking stair |
| | | | Vybrant [™] DyeCycle [™] Green Stain | 506/534 | DNA stain |
| | B4 | 540-555 | | | |
| | B5 | 570-585 | LIVE/DEAD [™] Fixable Olive (557) Viability Stain | 480/557 | Fixable viability stain |
| | | | Vybrant [™] DyeCycle [™] Orange Stain | 519/563 | DNA stain |
| | B6-B10 | 585-680 | | 400/700 | |
| | B11 B12-B16 | 680–710 710–860 | eBioscience [™] Annexin V-PerCP-eFluor [™] 710 Conjugate | 482/708 | Apoptosis tracking stair |
| | D12-D10 | 10-800 | CellROX [™] Orange Stain | 545/565 | Oxidation tracking stain |
| | | 570-585 | Annexin-V Alexa Fluor [™] 555 Conjugate | 553/568 | Apoptosis tracking stair |
| | YG1 | | SYTOX [™] Orange Nucleic Acid Stain | 547/570 | DNA stain |
| | | | | 549/574 | Mitochondria stain |
| | YG1 | | Annexin V–PE Conjugate | | Apoptosis tracking stair |
| | YG1 | | Annexin V-FE Conjugate | 565/576 | |
| | YG1 | | CellTrace [™] Yellow Cell Proliferation Stain | 546/579 | Proliferation tracking sta |
| | | | CellTrace [™] Yellow Cell Proliferation Stain pHrodo [™] Red Maleimide <i>E. coli</i> BioParticles Conjugate | 546/579 560/585 | Proliferation tracking sta Endocytosis tracking sta |
| | YG1 YG2 | 585-600 | CellTrace [™] Yellow Cell Proliferation Stain pHrodo [™] Red Maleimide <i>E. coli</i> BioParticles Conjugate Tetramethylrhodamine, Ethyl Ester, Perchlorate (TMRE) | 546/579 560/585 549/574 | Proliferation tracking st Endocytosis tracking st Mitochondria stain |
| fellow- | | | CellTrace [™] Yellow Cell Proliferation Stain pHrodo [™] Red Maleimide <i>E. coli</i> BioParticles Conjugate Tetramethylrhodamine, Ethyl Ester, Perchlorate (TMRE) LIVE/DEAD [™] Fixable Orange (602) Viability Stain | 546/579 560/585 549/574 580/602 | Proliferation tracking st Endocytosis tracking st Mitochondria stain Fixable viability stain |
| fellow- | | | CellTrace [™] Yellow Cell Proliferation Stain pHrodo [™] Red Maleimide <i>E. coli</i> BioParticles Conjugate Tetramethylrhodamine, Ethyl Ester, Perchlorate (TMRE) LIVE/DEAD [™] Fixable Orange (602) Viability Stain Annexin V–Alexa Fluor [™] 568 Conjugate | 546/579 560/585 549/574 580/602 579/603 | Proliferation tracking st Endocytosis tracking st Mitochondria stain Fixable viability stain Apoptosis tracking stair |
| ∕ellow- green | | | CellTrace [™] Yellow Cell Proliferation Stain pHrodo [™] Red Maleimide <i>E. coli</i> BioParticles Conjugate Tetramethylrhodamine, Ethyl Ester, Perchlorate (TMRE) LIVE/DEAD [™] Fixable Orange (602) Viability Stain Annexin V–Alexa Fluor [™] 568 Conjugate LIVE/DEAD [™] Fixable Red Dead Cell Stain | 546/579 560/585 549/574 580/602 579/603 595/615 | Proliferation tracking st Endocytosis tracking st Mitochondria stain Fixable viability stain Apoptosis tracking stain Fixable viability stain |
| green | YG2 | 585-600 | CellTrace [™] Yellow Cell Proliferation Stain pHrodo [™] Red Maleimide <i>E. coli</i> BioParticles Conjugate Tetramethylrhodamine, Ethyl Ester, Perchlorate (TMRE) LIVE/DEAD [™] Fixable Orange (602) Viability Stain Annexin V-Alexa Fluor [™] 568 Conjugate LIVE/DEAD [™] Fixable Red Dead Cell Stain FxCycle [™] PI/RNase Staining Solution | 546/579 560/585 549/574 580/602 579/603 595/615 535/617 | Proliferation tracking st Endocytosis tracking st Mitochondria stain Fixable viability stain Apoptosis tracking stain Fixable viability stain DNA stain |
| green | YG2 | 585-600 | CellTrace [™] Yellow Cell Proliferation Stain pHrodo [™] Red Maleimide <i>E. coli</i> BioParticles Conjugate Tetramethylrhodamine, Ethyl Ester, Perchlorate (TMRE) LIVE/DEAD [™] Fixable Orange (602) Viability Stain Annexin V-Alexa Fluor [™] 568 Conjugate LIVE/DEAD [™] Fixable Red Dead Cell Stain FxCycle [™] PI/RNase Staining Solution Annexin V-Alexa Fluor [™] 594 Conjugate | 546/579 560/585 549/574 580/602 579/603 595/615 535/617 590/618 | Proliferation tracking st Endocytosis tracking st Mitochondria stain Fixable viability stain Apoptosis tracking stain Fixable viability stain DNA stain Apoptosis tracking stain |
| green | YG2 YG3 | 585–600 600–620 | CellTrace [™] Yellow Cell Proliferation Stain pHrodo [™] Red Maleimide <i>E. coli</i> BioParticles Conjugate Tetramethylrhodamine, Ethyl Ester, Perchlorate (TMRE) LIVE/DEAD [™] Fixable Orange (602) Viability Stain Annexin V-Alexa Fluor [™] 568 Conjugate LIVE/DEAD [™] Fixable Red Dead Cell Stain FxCycle [™] PI/RNase Staining Solution | 546/579 560/585 549/574 580/602 579/603 595/615 535/617 | Proliferation tracking st Endocytosis tracking st Mitochondria stain Fixable viability stain Apoptosis tracking stain Fixable viability stain DNA stain |
| green | YG2 | 585-600 | CellTrace [™] Yellow Cell Proliferation Stain pHrodo [™] Red Maleimide <i>E. coli</i> BioParticles Conjugate Tetramethylrhodamine, Ethyl Ester, Perchlorate (TMRE) LIVE/DEAD [™] Fixable Orange (602) Viability Stain Annexin V-Alexa Fluor [™] 568 Conjugate LIVE/DEAD [™] Fixable Red Dead Cell Stain FxCycle [™] Pl/RNase Staining Solution Annexin V-Alexa Fluor [™] 594 Conjugate Click-iT [™] Plus EdU Alexa Fluor [™] 594 Stain | 546/579 560/585 549/574 580/602 579/603 595/615 535/617 590/618 | Proliferation tracking st Endocytosis tracking st Mitochondria stain Fixable viability stain Apoptosis tracking stain Fixable viability stain DNA stain Apoptosis tracking stain |
| green | YG2 YG3 | 585–600 600–620 | CellTrace [™] Yellow Cell Proliferation Stain pHrodo [™] Red Maleimide <i>E. coli</i> BioParticles Conjugate Tetramethylrhodamine, Ethyl Ester, Perchlorate (TMRE) LIVE/DEAD [™] Fixable Orange (602) Viability Stain Annexin V-Alexa Fluor [™] 568 Conjugate LIVE/DEAD [™] Fixable Red Dead Cell Stain FxCycle [™] PI/RNase Staining Solution Annexin V-Alexa Fluor [™] 594 Conjugate | 546/579 560/585 549/574 580/602 579/603 595/615 535/617 590/618 590/618 | Proliferation tracking st Endocytosis tracking st Mitochondria stain Fixable viability stain Apoptosis tracking stain Fixable viability stain DNA stain Apoptosis tracking stain DNA stain |
| green | YG2 YG3 YG4 YG5 | 585-600 600-620 620-640 | CellTrace [™] Yellow Cell Proliferation Stain pHrodo [™] Red Maleimide <i>E. coli</i> BioParticles Conjugate Tetramethylrhodamine, Ethyl Ester, Perchlorate (TMRE) LIVE/DEAD [™] Fixable Orange (602) Viability Stain Annexin V-Alexa Fluor [™] 568 Conjugate LIVE/DEAD [™] Fixable Red Dead Cell Stain FxCycle [™] PI/RNase Staining Solution Annexin V-Alexa Fluor [™] 594 Conjugate Click-iT [™] Plus EdU Alexa Fluor [™] 594 Stain Propidium Iodide | 546/579 560/585 549/574 580/602 579/603 595/615 535/617 590/618 590/618 535/617 | Proliferation tracking st Endocytosis tracking st Mitochondria stain Fixable viability stain Apoptosis tracking stain DNA stain DNA stain DNA stain |
| green | YG2 YG3 YG4 YG5 YG6-YG9 | 585-600 600-620 620-640 640-660 660-770 | CellTrace [™] Yellow Cell Proliferation Stain pHrodo [™] Red Maleimide <i>E. coli</i> BioParticles Conjugate Tetramethylrhodamine, Ethyl Ester, Perchlorate (TMRE) LIVE/DEAD [™] Fixable Orange (602) Viability Stain Annexin V-Alexa Fluor [™] 568 Conjugate LIVE/DEAD [™] Fixable Red Dead Cell Stain FxCycle [™] PI/RNase Staining Solution Annexin V-Alexa Fluor [™] 594 Conjugate Click-iT [™] Plus EdU Alexa Fluor [™] 594 Stain Propidium Iodide 7-AAD (7-Aminoactinomycin D) SYTOX [™] AADvanced [™] Dead Cell Stain | 546/579 560/585 549/574 580/602 579/603 595/615 535/617 590/618 590/618 535/617 546/647 535/647 | Proliferation tracking st Endocytosis tracking st Mitochondria stain Fixable viability stain Apoptosis tracking stain DNA stain DNA stain DNA stain Viability stain DNA stain |
| green | YG2 YG3 YG4 YG5 YG6-YG9 YG10 | 585–600 600–620 620–640 640–660 660–770 770–800 | CellTrace [™] Yellow Cell Proliferation Stain pHrodo [™] Red Maleimide <i>E. coli</i> BioParticles Conjugate Tetramethylrhodamine, Ethyl Ester, Perchlorate (TMRE) LIVE/DEAD [™] Fixable Orange (602) Viability Stain Annexin V-Alexa Fluor [™] 568 Conjugate LIVE/DEAD [™] Fixable Red Dead Cell Stain FxCycle [™] PI/RNase Staining Solution Annexin V-Alexa Fluor [™] 594 Conjugate Click-iT [™] Plus EdU Alexa Fluor [™] 594 Stain Propidium Iodide 7-AAD (7-Aminoactinomycin D) | 546/579 560/585 549/574 580/602 579/603 595/615 535/617 590/618 590/618 535/617 546/647 | Proliferation tracking st Endocytosis tracking st Mitochondria stain Fixable viability stain Apoptosis tracking stain DNA stain DNA stain DNA stain Viability stain DNA stain |
| green | YG2 YG3 YG4 YG5 YG6-YG9 | 585–600 600–620 620–640 640–660 660–770 770–800 | CellTrace [™] Yellow Cell Proliferation Stain pHrodo [™] Red Maleimide <i>E. coli</i> BioParticles Conjugate Tetramethylrhodamine, Ethyl Ester, Perchlorate (TMRE) LIVE/DEAD [™] Fixable Orange (602) Viability Stain Annexin V-Alexa Fluor [™] 568 Conjugate LIVE/DEAD [™] Fixable Red Dead Cell Stain FxCycle [™] PI/RNase Staining Solution Annexin V-Alexa Fluor [™] 594 Conjugate Click-iT [™] Plus EdU Alexa Fluor [™] 594 Stain Propidium Iodide 7-AAD (7-Aminoactinomycin D) SYTOX [™] AADvanced [™] Dead Cell Stain eBioscience [™] Annexin V-PE-Cyanine7 Conjugate | 546/579 560/585 549/574 580/602 579/603 595/615 535/617 590/618 535/617 546/647 535/647 569/780 | Proliferation tracking st Endocytosis tracking st Mitochondria stain Fixable viability stain Apoptosis tracking stain DNA stain DNA stain DNA stain DNA stain DNA stain DNA stain DNA stain |
| | YG2 YG3 YG4 YG5 YG6-YG9 YG10 | 585–600 600–620 620–640 640–660 660–770 770–800 | CellTrace [™] Yellow Cell Proliferation Stain pHrodo [™] Red Maleimide <i>E. coli</i> BioParticles Conjugate Tetramethylrhodamine, Ethyl Ester, Perchlorate (TMRE) LIVE/DEAD [™] Fixable Orange (602) Viability Stain Annexin V-Alexa Fluor [™] 568 Conjugate LIVE/DEAD [™] Fixable Red Dead Cell Stain FxCycle [™] PI/RNase Staining Solution Annexin V-Alexa Fluor [™] 594 Conjugate Click-iT [™] Plus EdU Alexa Fluor [™] 594 Stain Propidium Iodide 7-AAD (7-Aminoactinomycin D) SYTOX [™] AADvanced [™] Dead Cell Stain eBioscience [™] Annexin V-PE-Cyanine7 Conjugate pHrodo [™] Deep Red <i>E. coli</i> BioParticles Conjugate | 546/579 560/585 549/574 580/602 579/603 595/615 535/617 590/618 535/617 535/617 546/647 535/647 569/780 | Proliferation tracking st Endocytosis tracking st Mitochondria stain Fixable viability stain Apoptosis tracking stain DNA stain DNA stain DNA stain DNA stain DNA stain DNA stain Endocytosis tracking stain Endocytosis tracking stain |
| green | YG2 YG3 YG4 YG5 YG6-YG9 YG10 YG11-YG12 | 585-600 600-620 620-640 640-660 660-770 770-800 800-860 | CellTrace [™] Yellow Cell Proliferation Stain pHrodo [™] Red Maleimide <i>E. coli</i> BioParticles Conjugate Tetramethylrhodamine, Ethyl Ester, Perchlorate (TMRE) LIVE/DEAD [™] Fixable Orange (602) Viability Stain Annexin V-Alexa Fluor [™] 568 Conjugate LIVE/DEAD [™] Fixable Red Dead Cell Stain FxCycle [™] PI/RNase Staining Solution Annexin V-Alexa Fluor [™] 594 Conjugate Click-iT [™] Plus EdU Alexa Fluor [™] 594 Stain Propidium Iodide 7-AAD (7-Aminoactinomycin D) SYTOX [™] AADvanced [™] Dead Cell Stain eBioscience [™] Annexin V-PE-Cyanine7 Conjugate pHrodo [™] Deep Red <i>E. coli</i> BioParticles Conjugate SYTOX [™] Red Dead Cell Stain | 546/579 560/585 549/574 580/602 579/603 595/615 535/617 590/618 590/618 535/617 546/647 535/647 535/647 569/780 640/655 640/658 | Proliferation tracking st Endocytosis tracking st Mitochondria stain Fixable viability stain Apoptosis tracking stain Fixable viability stain DNA stain DNA stain DNA stain DNA stain DNA stain Endocytosis tracking stain DNA stain DNA stain |
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