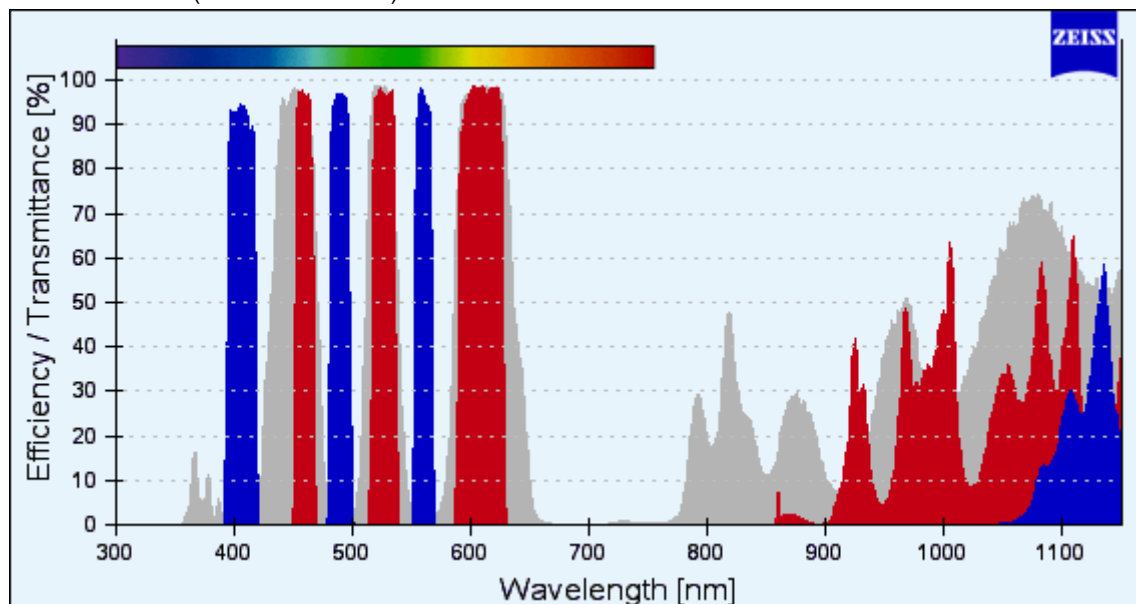




Filter Set

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Filter Set 76 HE (489076-9901-000)



Show total efficiency

Note:
 Additional components can influence efficiency.

Filter Set 76 HE

Excitation TBP 406 + 489 + 561 (HE)

Beam Splitter TFT 427 + 503 + 578 (HE)

Emission TBP 459 + 525 + 608 (HE)

127 possible dyes found:

Please note that the given values are typical only and not guaranteed.

127 possible dyes found:

Sample Fluorescent Dyes	Excitation	Emission
5-(and-6)-Carboxy-2', 7'-dichlorofluorescein pH 9.0	504 nm	525 nm
5-FAM pH 9.0	492 nm	518 nm
5-ROX pH 7.0	578 nm	604 nm
5-TAMRA	549 nm	577 nm
5-TAMRA pH 7.0	553 nm	576 nm
Acridine Orange	431 nm	520 nm
Alexa 405	401 nm	421 nm
Alexa 430	431 nm	540 nm
Alexa 488	493 nm	520 nm
Alexa 568	576 nm	603 nm

Alexa Fluor 430 antibody conjugate pH 7.2	431 nm	540 nm
Alexa Fluor 488 antibody conjugate pH 8.0	499 nm	520 nm
Alexa Fluor 488 hydrazide-water	493 nm	518 nm
Alexa Fluor 568 antibody conjugate pH 7.2	579 nm	603 nm
Alexa Fluor 610 R-phycoerythrin streptavidin pH 7.2	567 nm	627 nm
Auramine O	431 nm	501 nm
BCECF pH 5.5	485 nm	521 nm
BCECF pH 9.0	501 nm	527 nm
BFP (Blue Fluorescent Protein)	380 nm	439 nm
BO-PRO-3-DNA	574 nm	604 nm
BOBO-3-DNA	570 nm	605 nm
BODIPY FL conjugate	503 nm	512 nm
BODIPY FL, MeOH	502 nm	511 nm
BOPRO-3	574 nm	604 nm
Calcein	493 nm	514 nm
Calcein pH 9.0	494 nm	514 nm
Calcium Green	506 nm	530 nm
Calcium Green-1 Ca ²⁺	506 nm	529 nm
Calcium Orange	549 nm	574 nm
Calcium Orange Ca ²⁺	549 nm	573 nm
Cascade Blue BSA pH 7.0	401 nm	419 nm
Cascade Yellow	399 nm	549 nm
Cascade Yellow antibody conjugate pH 8.0	399 nm	549 nm
CFDA	495 nm	517 nm
CFP (Cyan Fluorescent Protein)	434 nm	474 nm
CI-NERF pH 2.5	504 nm	541 nm
Cy 2	489 nm	503 nm
Cy 3.5	578 nm	591 nm
CyQUANT GR-DNA	502 nm	523 nm
Dapoxyl (2-aminoethyl) sulfonamide	372 nm	582 nm
Di-8 ANEPPS	469 nm	630 nm
Di-8-ANEPPS-lipid	469 nm	631 nm
DM-NERF pH 4.0	493 nm	530 nm

DM-NERF pH 7.0	509 nm	537 nm
DsRed	563 nm	581 nm
DTAF	495 nm	517 nm
dTomato	554 nm	581 nm
DyLight 488	493 nm	518 nm
eGFP (Enhanced Green Fluorescent Protein)	488 nm	509 nm
Ethidium Bromide	524 nm	605 nm
Ethidium homodimer	528 nm	617 nm
Ethidium homodimer-1-DNA	528 nm	617 nm
evoglow-Bs1	448 nm	496 nm
evoglow-Bs2	448 nm	496 nm
evoglow-Pp1	448 nm	495 nm
FDA	495 nm	517 nm
FITC	495 nm	517 nm
FITC antibody conjugate pH 8.0	495 nm	519 nm
Fluo-3	506 nm	527 nm
Fluo-3 Ca ²⁺	506 nm	527 nm
Fluo-4	494 nm	516 nm
Fluor-Ruby	554 nm	582 nm
Fluorescein	495 nm	517 nm
Fluorescein 0.1 M NaOH	493 nm	513 nm
Fluorescein antibody conjugate pH 8.0	493 nm	517 nm
Fluorescein dextran pH 8.0	501 nm	524 nm
Fluorescein pH 9.0	490 nm	514 nm
Fluoro-Emerald	495 nm	524 nm
FM 1-43	472 nm	578 nm
FM 1-43 lipid	473 nm	579 nm
Fura Red, high Ca	434 nm	659 nm
GFP (S65T)	489 nm	509 nm
JC-1	592 nm	595 nm
JC-1 pH 8.2	593 nm	595 nm
Lissamine rhodamine	572 nm	590 nm
LOLO-1-DNA	568 nm	580 nm

Lucifer Yellow, CH	428 nm	542 nm
LysoSensor Yellow pH 3.0	389 nm	542 nm
LysoTracker Green	503 nm	509 nm
Magnesium Green Mg ²⁺	507 nm	531 nm
Magnesium Orange	550 nm	575 nm
mHoneydew	478 nm	562 nm
MitoTracker Green	490 nm	512 nm
MitoTracker Green FM, MeOH	490 nm	512 nm
MitoTracker Orange	551 nm	575 nm
MitoTracker Orange, MeOH	551 nm	575 nm
mOrange	548 nm	562 nm
mPlum	587 nm	649 nm
mRFP	585 nm	608 nm
mStrawberry	575 nm	596 nm
mTangerine	568 nm	585 nm
NBD-X	466 nm	534 nm
NBD-X, MeOH	467 nm	538 nm
NeuroTrace 500/525, green fluorescent Nissl stain-RNA	497 nm	524 nm
Nile Red	559 nm	637 nm
Nile Red-lipid	553 nm	636 nm
Nissl	497 nm	524 nm
Oregon Green 488	498 nm	526 nm
Oregon Green 488 antibody conjugate pH 8.0	498 nm	526 nm
Pacific Blue	404 nm	455 nm
Pacific Blue antibody conjugate pH 8.0	404 nm	455 nm
PicoGreen dsDNA quantitation reagent	502 nm	522 nm
POPO-1	433 nm	457 nm
POPO-1-DNA	433 nm	458 nm
Propidium Iodide	538 nm	617 nm
Propidium Iodide-DNA	538 nm	619 nm
Resorufin	571 nm	584 nm
Resorufin pH 9.0	571 nm	584 nm
Rhod-2	552 nm	577 nm

	553 nm	578 nm
Rhodamine 110	497 nm	520 nm
Rhodamine 110 pH 7.0	497 nm	520 nm
Rhodamine Green	497 nm	524 nm
Rhodamine phalloidin pH 7.0	558 nm	575 nm
Rhodamine Red-X antibody conjugate pH 8.0	573 nm	591 nm
Rhodamine Green pH 7.0	497 nm	523 nm
Rhodol Green antibody conjugate pH 8.0	499 nm	524 nm
Sapphire	396 nm	511 nm
Sodium Green Na+	507 nm	531 nm
SYBR Green I	498 nm	522 nm
SYPRO Ruby	467 nm	618 nm
SYTO 13-DNA	488 nm	506 nm
Tetramethylrhodamine antibody conjugate pH 8.0	552 nm	578 nm
Tetramethylrhodamine dextran pH 7.0	555 nm	582 nm
TRITC	550 nm	573 nm
YO-PRO-1-DNA	491 nm	507 nm
YOYO-1-DNA	491 nm	509 nm