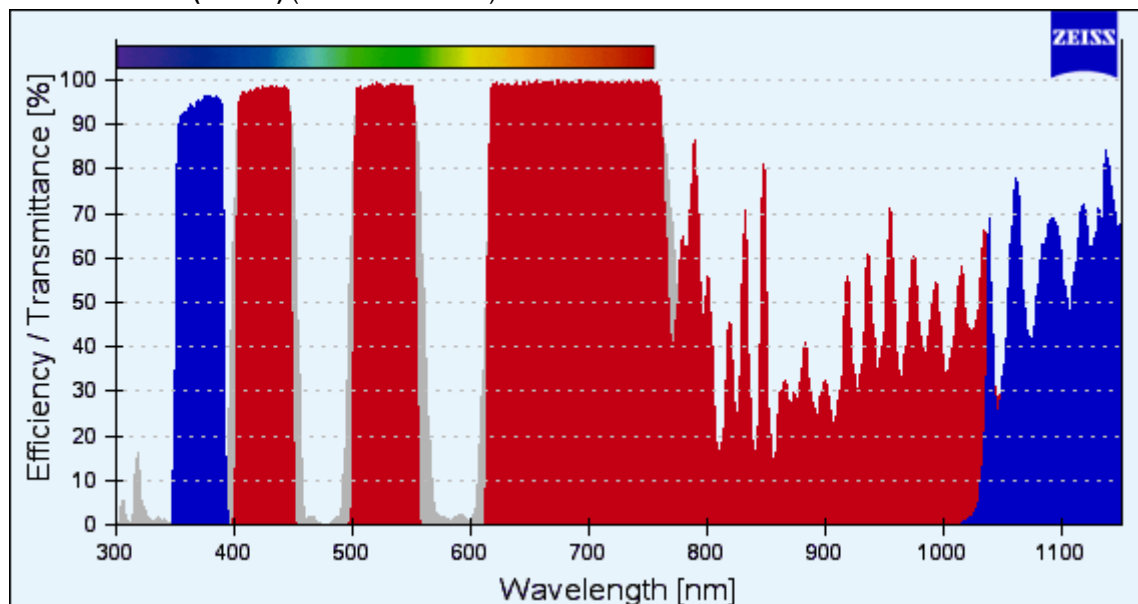




# Filter Set

→ Close window  
 Print view

Filter Set 62 HE (Colibri) (489062-9901-000)



Show total efficiency

**Note:**  
 Additional components can influence efficiency.

Filter Set 62 HE (Colibri)

- Excitation BP 370/40 (HE)
- Emission TBP 425 + 527 + LP615 (HE)
- Beam Splitter TFT 395 + 495 + 610 (HE)

128 possible dyes found:

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

128 possible dyes found:

Sample Fluorescent Dyes	Excitation	Emission
1,8-ANS (1-Anilino-naphthalene-8-sulfonic acid)	375 nm	480 nm
1-Anilino-naphthalene-8-sulfonic acid (1,8-ANS)	375 nm	479 nm
5-FAM pH 9.0	492 nm	518 nm
5-ROX (5-Carboxy-X-rhodamine, triethylammonium salt)	578 nm	604 nm
5-ROX pH 7.0	578 nm	604 nm
6,8-Difluoro-7-hydroxy-4-methylcoumarin pH 9.0	358 nm	450 nm
7-Amino-4-methylcoumarin pH 7.0	346 nm	442 nm
7-Hydroxy-4-methylcoumarin	360 nm	447 nm
7-Hydroxy-4-methylcoumarin pH 9.0	361 nm	448 nm
Alexa 350	343 nm	441 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 594	590 nm	619 nm
Alexa Fluor 430 antibody conjugate pH 7.2	431 nm	540 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
Alexa Fluor 647 R-phycoerythrin streptavidin pH 7.2	569 nm	666 nm
AMCA conjugate	347 nm	444 nm
Amino Coumarin	345 nm	442 nm
BCECF pH 5.5	485 nm	521 nm
BFP (Blue Fluorescent Protein)	380 nm	439 nm
BO-PRO-1-DNA	462 nm	482 nm
BO-PRO-3-DNA	574 nm	604 nm
BOBO-1-DNA	461 nm	484 nm
BOBO-3-DNA	570 nm	605 nm
BODIPY TR-X phalloidin pH 7.0	590 nm	621 nm
BODIPY TR-X, MeOH	588 nm	621 nm
BODIPY TR-X, SE	588 nm	621 nm
BOPRO-1	462 nm	482 nm
BOPRO-3	574 nm	604 nm
Calcein	493 nm	514 nm
Calcein pH 9.0	494 nm	514 nm
Calcium Crimson	589 nm	608 nm
Calcium Crimson Ca <sup>2+</sup>	590 nm	608 nm
Carboxynaphthofluorescein pH 10.0	600 nm	674 nm
Cascade Blue	398 nm	420 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

CI-NERF pH 2.5	504 nm	541 nm
Coumarin	360 nm	447 nm
Cy 2	489 nm	503 nm
Dansyl Cadaverine	335 nm	524 nm
Dansyl Cadaverine, MeOH	335 nm	526 nm
DAPI	358 nm	463 nm
DAPI-DNA	359 nm	461 nm
Dapoxyl (2-aminoethyl) sulfonamide	372 nm	582 nm
DDAO pH 9.0	648 nm	657 nm
Di-8 ANEPPS	469 nm	630 nm
Di-8-ANEPPS-lipid	469 nm	631 nm
DiO	487 nm	501 nm
DM-NERF pH 4.0	493 nm	530 nm
DTAF	495 nm	517 nm
DyLight 350	332 nm	435 nm
DyLight 405	399 nm	434 nm
DyLight 488	493 nm	518 nm
DyLight 594	592 nm	616 nm
eCFP (Enhanced Cyan Fluorescent Protein)	437 nm	476 nm
eGFP (Enhanced Green Fluorescent Protein)	488 nm	509 nm
Ethidium homodimer	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-4	494 nm	516 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 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
FM 4-64	508 nm	751 nm
FM 4-64, 2% CHAPS	506 nm	751 nm
Fura Red, low Ca	472 nm	673 nm
Fura-2, no Ca	367 nm	515 nm
GFP (S65T)	489 nm	509 nm
HcRed	590 nm	614 nm
Hoechst 33258	352 nm	455 nm
Hoechst 33258-DNA	352 nm	455 nm
Hoechst 33342	352 nm	455 nm
Indo-1 Ca <sup>2+</sup>	346 nm	404 nm
Indo-1, Ca free	346 nm	479 nm
LysoSensor Blue	374 nm	424 nm
LysoSensor Blue pH 5.0	374 nm	424 nm
LysoSensor Green	447 nm	504 nm
LysoSensor Green pH 5.0	447 nm	502 nm
LysoSensor Yellow pH 3.0	389 nm	542 nm
LysoSensor Yellow pH 9.0	335 nm	530 nm
LysoTracker Blue	373 nm	421 nm
Marina Blue	362 nm	464 nm
mCherry	587 nm	610 nm
mHoneydew	478 nm	562 nm
MitoTracker Green	490 nm	512 nm
MitoTracker Green FM, MeOH	490 nm	512 nm
mPlum	587 nm	649 nm
mRFP	585 nm	608 nm
mStrawberry	575 nm	596 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

	497 nm	524 nm
Pacific Blue	404 nm	455 nm
Pacific Blue antibody conjugate pH 8.0	404 nm	455 nm
ReAsH	597 nm	608 nm
Rhodamine 110	497 nm	520 nm
Rhodamine 110 pH 7.0	497 nm	520 nm
Rhodamine Green	497 nm	524 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
SYBR Green I	498 nm	522 nm
SYPRO Ruby	467 nm	618 nm
SYTO 13-DNA	488 nm	506 nm
Texas Red-X antibody conjugate pH 7.2	596 nm	613 nm
X-Rhod-1 Ca <sup>2+</sup>	580 nm	602 nm
YO-PRO-1-DNA	491 nm	507 nm
YO-PRO-3-DNA	613 nm	629 nm
YOYO-1-DNA	491 nm	509 nm
YOYO-3-DNA	612 nm	631 nm