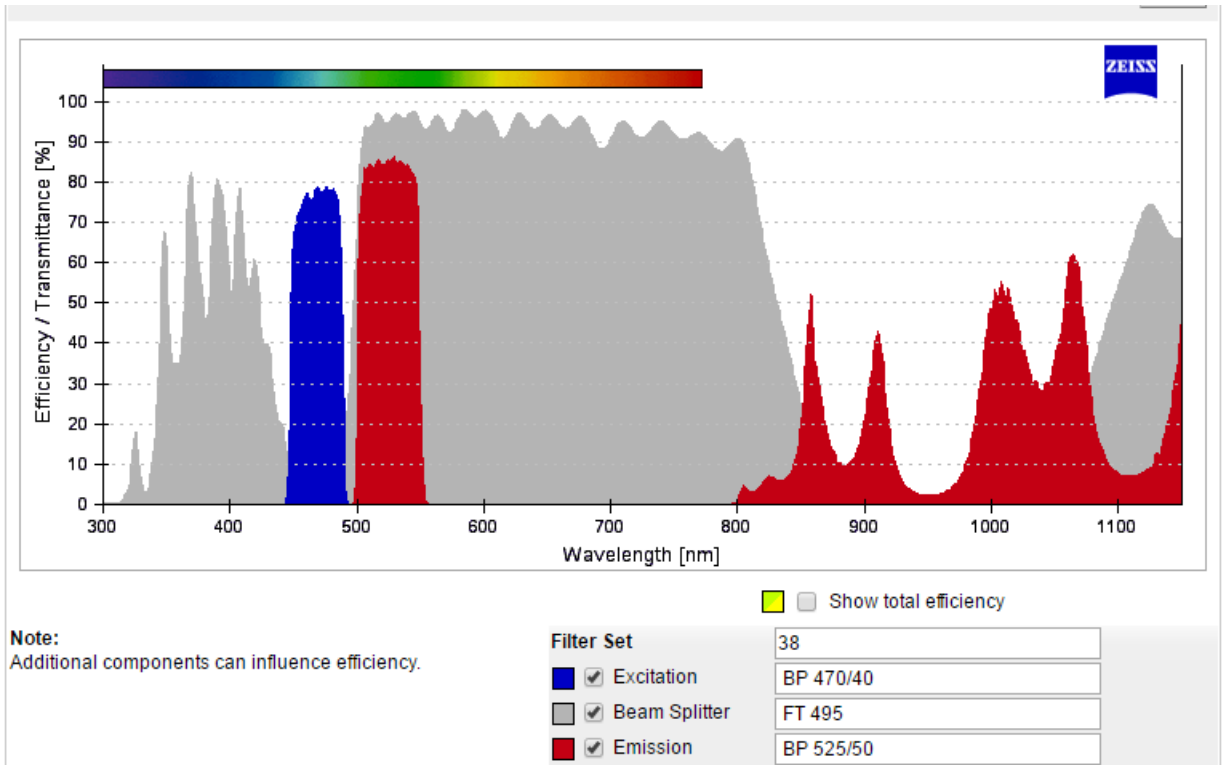


Filter set 38 (GFP)

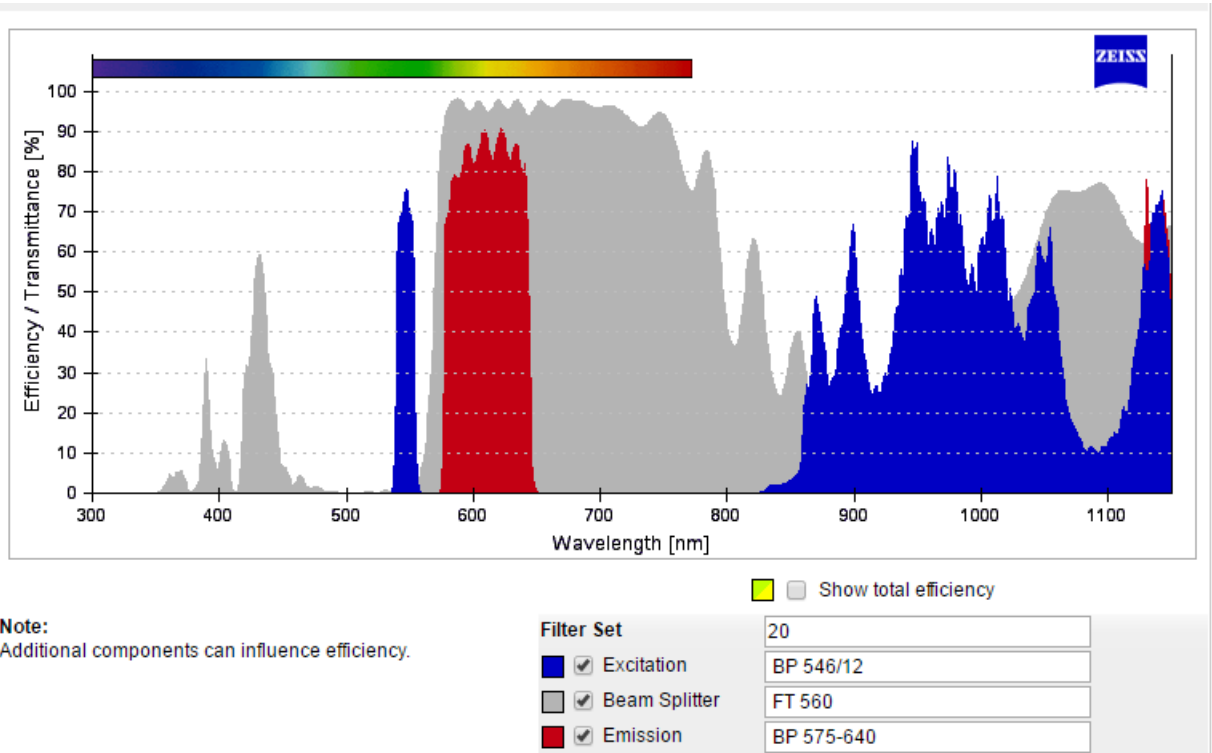


Sample Fluorescent Dyes	Excitation	Emission
5-FAM pH 9.0	492 nm	518 nm
Alexa 430	431 nm	540 nm
Alexa 488	493 nm	520 nm
Alexa Fluor 430 antibody conjugate pH 7.2	431 nm	540 nm
Alexa Fluor 488 hydrazide-water	493 nm	518 nm
eCFP (Enhanced Cyan Fluorescent Protein)	437 nm	476 nm
eGFP (Enhanced Green Fluorescent Protein)	488 nm	509 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
GFP (S65T)	489 nm	509 nm

Pour d'autres options:

<https://www.micro-shop.zeiss.com/?s=810341453edf54&l=en&p=us&f=f&a=v&b=f&id=000000-1031-346&o=>

Filter set 20 (Rhodamine)

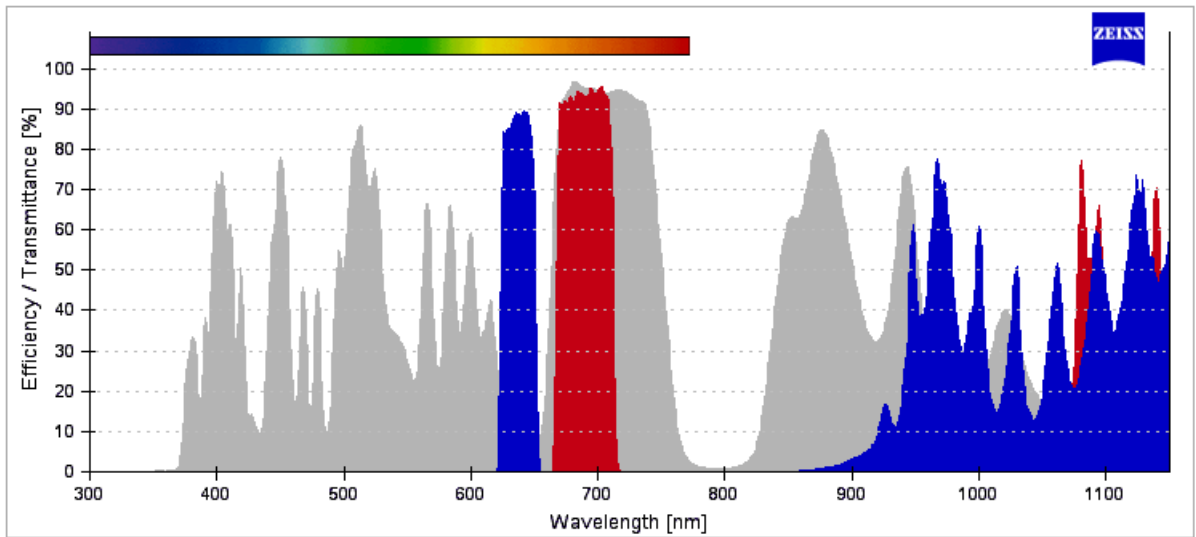


Sample Fluorescent Dyes	Excitation	Emission
Alexa 555	553 nm	568 nm
Alexa Fluor 555 antibody conjugate pH 7.2	553 nm	568 nm
Alexa Fluor 610 R-phycoerythrin streptavidin pH 7.2	567 nm	627 nm
BODIPY TMR-X antibody conjugate pH 7.2	544 nm	573 nm
Bodipy TMR-X conjugate	544 nm	573 nm
BODIPY TMR-X, MeOH	544 nm	570 nm
BODIPY TMR-X, SE	544 nm	570 nm
Calcium Orange	549 nm	574 nm
Calcium Orange Ca ²⁺	549 nm	573 nm
dTomato	554 nm	581 nm
Rhodamine	551 nm	573 nm
Rhodamine B	543 nm	565 nm
Rhodamine phalloidin pH 7.0	558 nm	575 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

Pour d'autres options:

<https://www.micro-shop.zeiss.com/?s=810341453edf54&l=en&p=us&f=f&a=v&b=f&id=488020-9901-000&o=>

Filter set 50 (Cy5)



Note:
Additional components can influence efficiency.

Filter Set

- Excitation
- Beam Splitter
- Emission

Show total efficiency

50

BP 640/30

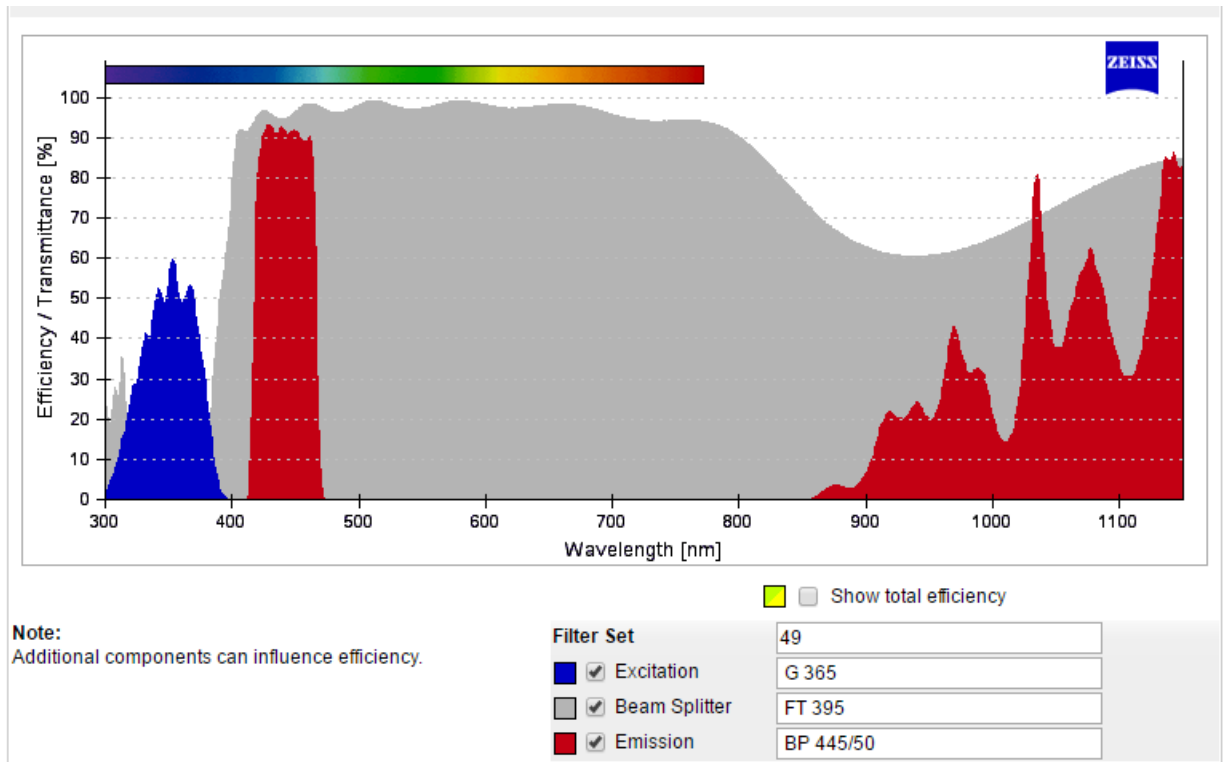
FT 660

BP 690/50

Sample Fluorescent Dyes

Sample Fluorescent Dyes	Excitation	Emission
Alexa 647	653 nm	669 nm
Alexa 660	664 nm	691 nm
Alexa Fluor 647 antibody conjugate pH 7.2	653 nm	668 nm
Alexa Fluor 660 antibody conjugate pH 7.2	663 nm	691 nm
Allophycocyanin pH 7.5	651 nm	660 nm
APC (allophycocyanin)	650 nm	660 nm
Atto 647	644 nm	670 nm
BODIPY 650/665-X, MeOH	646 nm	664 nm
Cy 5	646 nm	664 nm
DDAO pH 9.0	648 nm	657 nm
DyLight 649	652 nm	668 nm
Nile Blue, EtOH	631 nm	660 nm
TO-PRO-3-DNA	642 nm	657 nm
TOTO-3-DNA	642 nm	661 nm

Filter set 49 (DAPI)



Sample Fluorescent Dyes

Excitation

Emission

Sample Fluorescent Dyes	Excitation	Emission
Alexa 350	343 nm	441 nm
AMCA conjugate	347 nm	444 nm
Amino Coumarin	345 nm	442 nm
BFP (Blue Fluorescent Protein)	380 nm	439 nm
Cascade Blue	398 nm	420 nm
Coumarin	360 nm	447 nm
DAPI	358 nm	463 nm
DAPI-DNA	359 nm	461 nm
DyLight 350	332 nm	435 nm
Hoechst 33258	352 nm	455 nm
Hoechst 33258-DNA	352 nm	455 nm
Hoechst 33342	352 nm	455 nm

Pour d'autres options:

<https://www.micro-shop.zeiss.com/?s=810341453edf54&l=en&p=us&f=f&a=v&b=f&id=488049-9901-000&o=>