

FILTER CUBE 2 - BrightLine® DA/FI/TX-3X-A Triple-band "Pinkel" Filter Set

Optimized for these fluorophores

Blue: DAPI, Hoechst, AMCA, Alexa Fluor 350

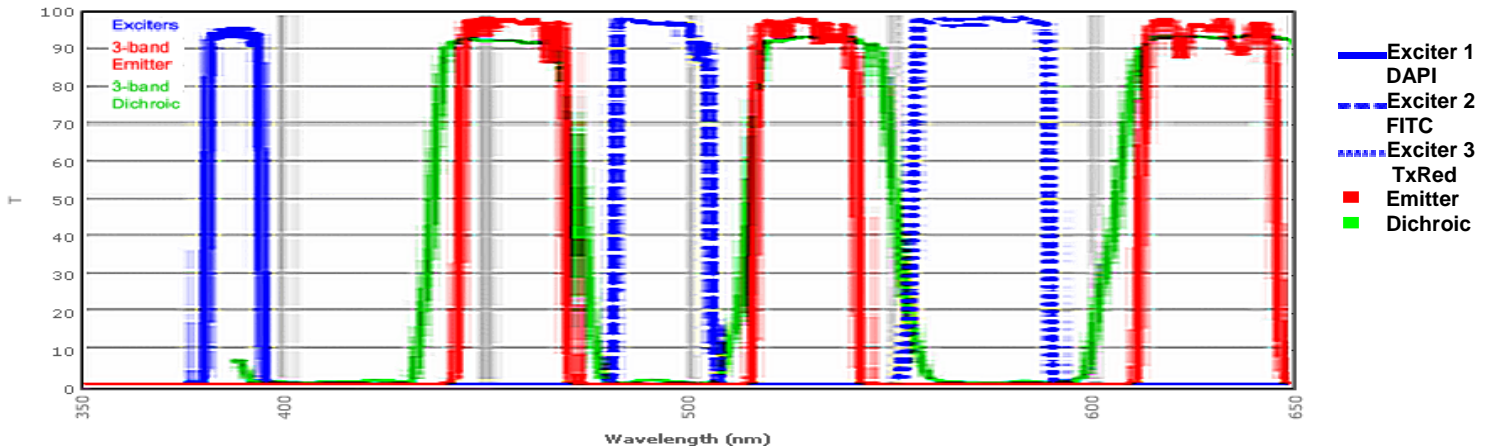
Green: FITC, GFP, rsGFP, Bodipy, Alexa Fluor 488

Red: Texas Red®, MitoTracker Red, Alexa Fluor 568 & 594

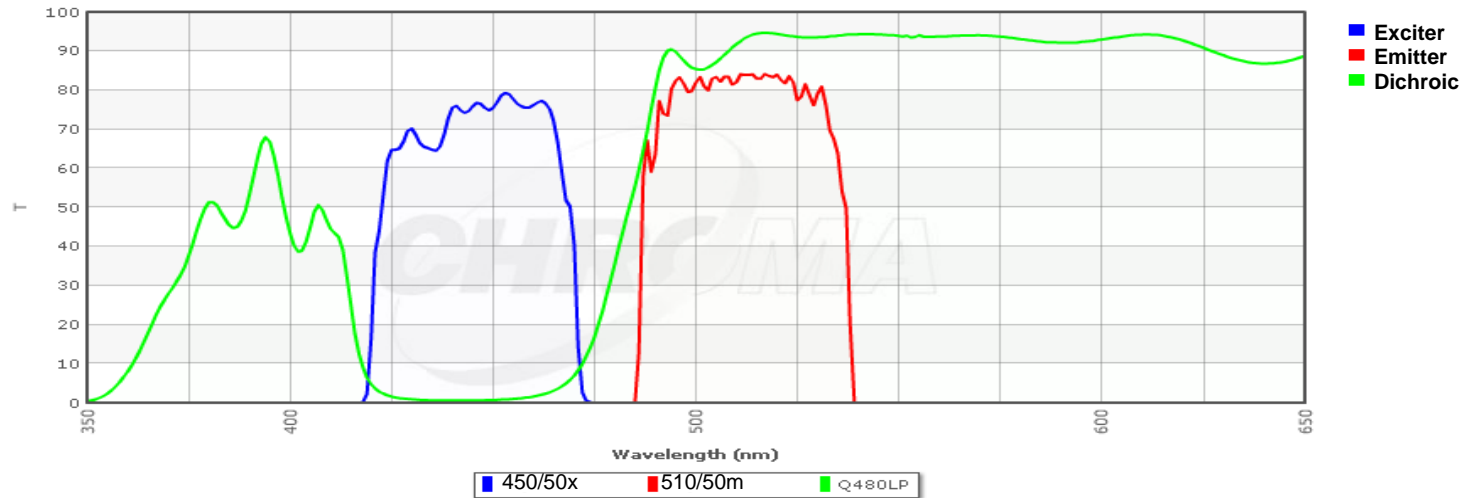
Set description

This 5-filter "Pinkel" set is based on the award-winning BrightLine blue-green-red multiband filter set, but instead of a multiband exciter it has three single-band exciters, a multiband beamsplitter, and a multiband emitter. With its high brightness, extremely low crosstalk, and superb signal-to-noise performance, it is ideal for three-fluorophore imaging using a low-noise monochrome camera.

Filter	Average Transmission	Center Wavelengths	Bandwidths
Exciter 1	> 85%	387 nm	11 nm
Exciter 2	> 90%	494 nm	20 nm
Exciter 3	> 90%	575 nm	25 nm
Emitter	> 80%, 85%, 85%	457, 530, 628 nm	22, 20, 28 nm
	Average Reflection	Reflection Bands	Transmission Bands
Dichroic	> 97.5%	394 - 414 nm	446 - 468 nm
	> 97.5%	484 - 504 nm	520 - 540 nm
	> 97.5%	566 - 586 nm	614 - 642 nm



FILTER CUBE 3 – GFP CHROMA 41014



FILTER CUBE 4 – DAPI CHROMA 31000

