

LABELING DYES FOR FLOW CYTOMETRY

ULTRAVIOLET LASER (355 nm)

	FILTER	EX/EM (nm)	BRIGHTNESS RATING
Alexa Fluor 350®	450/40	346/442	●●
iFluor 350™	450/40	344/448	●●●●●●

VIOLET LASER (405 nm)

	FILTER	EX/EM (nm)	BRIGHTNESS RATING
Pacific Orange®	525/50	400/551	●●
Pacific Blue®	450/40	410/455	●●
iFluor 450™	530/30	451/502	●●●●●●
Pacific Green®	530/30	410/500	●●●●●●
iFluor 405™	450/40	402/425	●●●●●●
iFluor 430™	530/30	433/495	●●●●●●

BLUE LASER (488 nm)

	FILTER	EX/EM (nm)	BRIGHTNESS RATING
Alexa Fluor 555®	525/50	555/580	●●●●●
Cy3®	525/50	554/568	●●●●●
Alexa Fluor 488®	530/30	490/525	●●●●●●
FITC	530/30	490/525	●●●●●●●
iFluor 488™	530/30	491/516	●●●●●●●
Oregon Green®	530/30	501/526	●●●●●●●
TRITC	525/50	557/576	●●●●●●●
PE	575/26	564/574	●●●●●●●●

YELLOW GREEN LASER (561 nm)

	FILTER	EX/EM (nm)	BRIGHTNESS RATING
Alexa Fluor 555®	525/50	555/580	●●●●●●
Cy3®	525/50	554/568	●●●●●●
Alexa Fluor 594®	610/20	590/617	●●●●●●●
iFluor 610™	610/20	609/627	●●●●●●●
Texas Red®	610/20	596/615	●●●●●●●
Alexa Fluor 532®	525/50	532/554	●●●●●●●●
iFluor 514™	525/50	527/554	●●●●●●●●
iFluor 532™	525/50	543/563	●●●●●●●●
iFluor 546™	525/50	541/557	●●●●●●●●
iFluor 555™	525/50	556/569	●●●●●●●●
iFluor 568™	525/50	568/587	●●●●●●●●
iFluor 594™	610/20	587/603	●●●●●●●●

RED LASER (640 nm)

	FILTER	EX/EM (nm)	BRIGHTNESS RATING
iFluor 790™	780/60	786/811	●●●
iFluor 800™	Custom	801/820	●●●
iFluor 810™	Custom	811/822	●●●
iFluor 820™	Custom	822/850	●●●
iFluor 860™	Custom	852/877	●●●
Alexa Fluor 750®	780/60	749/775	●●●●
iFluor 750™	780/60	756/777	●●●●
iFluor 680™	Custom	683/700	●●●●●
Alexa Fluor 680®	695/40	679/702	●●●●●●
Alexa Fluor 700®	720/30	702/723	●●●●●●
Cy7®	780/60	754/778	●●●●●●
iFluor 647™	660/20	654/669	●●●●●●
iFluor 660™	660/20	660/677	●●●●●●
iFluor 700™	Custom	690/713	●●●●●●
Alexa Fluor 647®	660/20	650/665	●●●●●●●
Cy5®	660/20	649/666	●●●●●●●
iFluor 633™	660/20	640/654	●●●●●●●
APC™	660/20	651/660	●●●●●●●●

TANDEM DYES

	LASER	FILTER	EX/EM (nm)	BRIGHTNESS RATING
PE-Alexa Fluor 647®	488 nm	660/20	568/666	●●●●●●●
PE-Cy5.5®	488 nm	695/40	566/672	●●●●●●●
PE-Alexa Fluor 594®	488 nm	610/20	-	●●●●●●●●
PE-Alexa Fluor 750®	488 nm	780/60	566/775	●●●●●●●●
PE-iFluor 594®	488 nm	610/20	-	●●●●●●●●
PE-iFluor 750™	488 nm	780/60	566/778	●●●●●●●●
PE-Cy5®	488 nm	660/20	565/666	●●●●●●●●
PE-Cy7®	488 nm	780/60	566/778	●●●●●●●●
PE-iFluor 647®	488 nm	660/20	568/666	●●●●●●●●
PE-Texas Red®	488 nm	610/20	567/613	●●●●●●●●
APC-Cy7®	633 nm	780/60	650/774	●●●●●
APC-Alexa Fluor 750™	633 nm	780/60	650/774	●●●●●●●
APC-Cy5.5®	633 nm	695/40	650/694	●●●●●●●
APC-iFluor 700™	633 nm	780/60	651/710	●●●●●●●
APC-iFluor 750™	633 nm	780/60	651/791	●●●●●●●

Relative Brightness Key: Dimmest ●
Brightest ●●●●●●●●

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