

## BD Influx™ Configuration

Laser	Wavelength	Output	Long Pass	Band Pass	Channel	Fluorochromes
UV	355nm	100mW	550LP	670/30	UV_530	Hoechst Red
			400LP	460/50	UV_450	Hoechst Blue, DAPI
Violet	405nm	100mW	740LP	750LP	V_750	QDot 800
			685LP	710/50	V_710	QDot 705
			645LP	660/20	V_660	BV650, QDot 655
			550LP	610/20	V_610	BV605, QDot 605
			480LP	520/35	V_520	BV500, QDot 525, V500
Blue	488nm	200mW	550LP	610/20	B_610	PerCP-Cy5.5
			505LP	530/40	B_530	FITC
				488/10		SSC
Yellow/Green	561nm	150mW	740LP	750LP	YG_750	PE-Cy7
			685LP	710/50	YG_710	PE-Cy5.5
			645LP	670/20	YG_670	PE-Cy5
			600LP	610/20	YG_610	PE-CF594, TXR
			505LP	585/29	YG_585	PE
Red	642nm	120mW	740LP	750LP	R_750	APC-H7
			700LP	720/40	R_720	AF-700
			660LP	670/30	R_660	APC
<b>Alternatives</b>						
GFP+YFP						
a)	488nm	200mW	525LP	530/30	B_530	YFP
			505LP	510/20	B_510	GFP
b)			525LP	550/30	B_550	YFP
			505LP	510/20	B_510	GFP
Calcium Flux						
c)	355nm	100mW	505LP	525/50	UV_525	AF350
			430LP	460/50	UV_460	Indo-1 high
			400LP	405/40	UV_405	Indo-1 low