

Cytoflex LX

Violet Splitter Configuration (5 laser configuration: UV3-V7-B3-Y5-R3)

LASER	CHANNEL NAME	DETECTED FLUOROCROMES				BANDPASS	EMISSION RANGE
UV (355 nm)	U405	BU395				405/30	390_420
	U525	BUV496				525/40	505_545
	U675	BUV661				675/30	660_690
V (405 nm)	Violet/SSC	SSC				405/10	400_410
	V450	Pacific Blue	V450	BV421	DAPI	450/45	427,5_472,5
	V525	Amcyan	V500	BV510	Live/Dead Fixable Aqua	525/40	505_545
	V610	BV605	Qdot605			610/20	600_620
	V660	BV650	Qdot655			660/10	655_665
2+ parameters (Splitter)	V(S)712	BV711	SuperBright 702			712/25	699,5_724,5
	V763	BV786	Qdot800			763/43	741,5_784,5
B (488 nm)	B525	FITC	Alexa Fluor 488	CFSE	GFP	525/40	505_545
	B610	BB630	PI			610/20	600_620
	B690	PerCP	PerCP-Cy5.5	DRAQ7		690/50	665_715
Y (561 nm)	Y585	PE	Tomato	DsRed	RFP	585/42	564_606
	Y610	mCherry	PE-CF594	PI	ECD	610/20	600_620
	Y675	PE-Cy5	7-AAD			675/30	660_690
	Y710	PE-Cy5.5				710/50	685_735
	Y763	PE-Cy7				763/43	741,5_784,5
R (638 nm)	R660	APC	Alexa Fluor 647			660/10	655_665
	R712	Alexa Fluor 700	APC-A700	Cy5.5		712/25	699,5_724,5
	R763	APC-750	APC-Cy7	APC-eFluor 780	DRAQ7	763/43	741,5_784,5

Esta es la configuración óptica de uso por defecto del Cytoflex LX: Violet Splitter Configuration (5 laser configuration: UV3-V7-B3-Y5-R3)

Es caso de necesitar expandir el número de parámetros del láser ultravioleta, de 3 a 5, por favor, consultad con la Unidad de Citometría de Flujo.

En caso de requerir utilizar el láser infrarrojo (808 nm), por favor, consultad con la Unidad de Citometría de Flujo.

Cytoflex LX

Ultra -Violet Splitter Configuration (5 laser configuration: UV5-V5-B3-Y5-R3)

LASER	CHANNEL NAME	DETECTED FLUOROCRHOMES				BANDPASS	EMISSION RANGE
UV (355 nm)	U405	BU395				405/30	390_420
	U525	BUV496				525/40	505_545
	U675	BUV661				675/30	660_690
	U(S)740	BUV737				740/35	723_757
	U(S)819	BUV805				819/44	797_841
V (405 nm)	V450	Pacific Blue	V450	BV421	DAPI	450/45	427,5_472,5
	V525	Amcyan	V500	BV510	Live/Dead Fixable Aqua	525/40	505_545
	V610	BV605	Qdot605			610/20	600_620
	V660	BV650	Qdot655			660/10	655_665
	V763	BV786	Qdot800			763/43	741,5_784,5
B (488 nm)	B525	FITC	Alexa Fluor 488	CFSE	GFP	525/40	505_545
	B610	BB630	PI			610/20	600_620
	B690	PerCP	PerCP-Cy5.5	DRAQ7		690/50	665_715
Y (561 nm)	Y585	PE	Tomato	DsRed	RFP	585/42	564_606
	Y610	mCherry	PE-CF594	PI	ECD	610/20	600_620
	Y675	PE-Cy5	7-AAD			675/30	660_690
	Y710	PE-Cy5.5				710/50	685_735
	Y763	PE-Cy7				763/43	741,5_784,5
R (638 nm)	R660	APC	Alexa Fluor 647			660/10	655_665
	R712	Alexa Fluor 700	APC-A700	Cy5.5		712/25	699,5_724,5
	R763	APC-750	APC-Cy7	APC-eFluor 780	DRAQ7	763/43	741,5_784,5

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Default Configuration (6 laser configuration: UV3-V5-B3-Y5-R3-I2)

LASER	CHANNEL NAME	DETECTED FLUOROCROMES				BANDPASS	EMISSION RANGE
UV (355 nm)	U405	BU395				405/30	390_420
	U525	BUV496				525/40	505_545
	U675	BUV661				675/30	660_690
V (405 nm)	V450	Pacific Blue	V450	BV421	DAPI	450/45	427,5_472,5
	V525	Amcyan	V500	BV510	Live/Dead Fixable Aqua	525/40	505_545
	V610	BV605	Qdot605			610/20	600_620
	V660	BV650	Qdot655			660/10	655_665
	V763	BV786	Qdot800			763/43	741,5_784,5
B (488 nm)	B525	FITC	Alexa Fluor 488	CFSE	GFP	525/40	505_545
	B610	BB630	PI			610/20	600_620
	B690	PerCP	PerCP-Cy5.5	DRAQ7		690/50	665_715
Y (561 nm)	Y585	PE	Tomato	DsRed	RFP	585/42	564_606
	Y610	mCherry	PE-CF594	PI	ECD	610/20	600_620
	Y675	PE-Cy5	7-AAD			675/30	660_690
	Y710	PE-Cy5.5				710/50	685_735
	Y763	PE-Cy7				763/43	741,5_784,5
R (638 nm)	R660	APC	Alexa Fluor 647			660/10	655_665
	R712	Alexa Fluor 700	APC-A700	Cy5.5		712/25	699,5_724,5
	R763	APC-750	APC-Cy7	APC-eFluor 780	DRAQ7	763/43	741,5_784,5
IR (808 nm)	I840	Alexa Fluor 790	Alexa Fluor 750	CF790		840/20	830_850
	I885	Viakrome 808				885/40	865_905