

MCP Beckman Coulter CytoFLEX Optical Configurations



Laser	power	BP	Dental School	MBC node		Typical Fluorochromes
			CytoFLEX LX (HTS)	CytoFLEX LX (HTS)	CytoFLEX S (HTS)	
UV (350 nm)	20 mW	405/30	/	◆		BUV395
		450/40	◆	/		Hoechst 33342
		525/40	◆	◆		BUV496
		550/30	/	/		BUV563
		675/30	◆	/		BUV661
		740/35	/	◆		BUV737
		819/44	/	/		BUV805
Violet (405nm)	100 mW	405/10	◆	/	◆	405 nm SSC
		450/45	◆	◆	◆	BV421
		525/40	◆	◆	◆	BV510
		610/20	/	◆	/	BV605
		660/10	◆	◆	◆	BV650
		710/50	/	/	/	BV711
		763/43	◆	◆	780/60	BV750, BV786
Blue (488nm)	56 mW	488/8	◆	◆	◆	488 nm SSC
		525/40	◆	◆	+OD1.0	FITC, BB515, GFP, JC1(green)
		585/15	/	◆	◆	DHE, JC1(red)
		610/20	◆	/		PE-CF594, PI
		690/50	◆	◆	/	PerCP-Cy5.5, BB700, PerCP
YG (561nm)	30 mW	610/20	◆	◆	◆	PE-CF594,mCherry
		763/43	◆	◆	780/60	PE-Cy7
		585/42	◆	◆	◆	PE
		675/30	◆	◆	690/50	PE-Cy5
		710/50	◆	◆		PE-eFluor 710
Red (638nm)	50 mW	763/43	◆	◆	780/60	APC-Cy7
		660/10	◆	◆	◆	APC, A647
		712/25	◆	◆	◆	AF700
Infra Red (808 nm)	60 mW	840/20	◆	◆		LIVE/DEAD Fixable Near-IR
		885/40	◆	◆		ViaKrome 808 Fixable Viability Dye

	FILTERS
/	optional
◆	standard
	N/A