

Filter Setups for CytoflexS

Mammalian Cell Set Up

Filter Position bandpass fluorochromes

VIOLET LASER (405nm) *max 4 detectors active at a time

1	405/10	
2	450/45	CFP, e450,BFP,BV421, DAPI
3	525/40	L/Daqua, BV510, CFP/YFP Fret. Citrine
4	610/20	BV605
5	660/20	BV650
6	780/60	BV786

YELLOW LASER (561 nm) *max 4 detectors active at a time

1	561/10	mOrange
2	610/20	PI, mKate, mRuby,PE-TeXRd,mCherry
3	585/42	PE, PE-TXRD, DsRed, mtomato
4	690/50	PerCP-CY5.5
5	780/60	PE-Cy7

RED LASER (638 nm) *max 3 detectors active

1	660/20	APC, Alexa 647, Cy5, DRAQ5
2	710/25	Alexa 700
3	780/60	APC-Cy7, APC-e780, APC-H7, Alexa750

BLUE LASER (488 nm) *max 2 detectors active, not incl. SSC

1	488/8	SSC
2	525/40	FITC, eGFP, Alexa 488, YFP, ZsYellow
3	690/50	7AAD, PerCP-Cy5.5, PI

Bacteria & Small Prarticle Set Up

Filter Position bandpass fluorochromes

VIOLET LASER (405 nm)

1 ***	450/45	CFP, e450,BFP,BV421, DAPI
2 ***	405/10	SSC
3	525/40	L/D aqua, BV510, CFP/YFP Fret. Citrine
4	610/20	BV605
5	660/20	BV650
6	780/60	BV786

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2	525/40	FITC, eGFP, Alexa 488, YFP, ZsYellow
3	690/50	7AAD, PerCP-Cy5.5, PI