

## Sony SY3200 Filter Setup

Channel		Bandpass	Fluorochromes
<b>ULTRAVIOLET LASER (375nm)</b>			
1		455/50	Hoechst Blue, DAPI
2		695/50	Hoechst Red (side population)
<b>VIOLET LASER (405nm)</b>			
1		455/50	Pacific Blue, CFP, e450, BFP, BV421, DAPI, SYTOX Blue, mTurquoise2, VioBlue, mtagBFP2, DyeCycle Violet, Nuclear Violet
2		525/50	BV510, L/D AQUA, mCitrine, AmCyan, mVenus, Ghost540, Keima (optional w/ filter change to 610/40)
<b>YELLOW-GREEN LASER (561 nm)</b>			
1		585/40	PE, DsRed, mOrange, tdTomato, CY3, AF555, AF594, tag-RFP, CyTox Orange
2		610/40	mCherry, mPlum, PE-DAZZLE, PE-Texas Red, mRuby, mScarlet, PI, mKate2, Syto62
3		775/50	PE-Cy7
<b>RED LASER (638 nm)</b>			
1		665/30	APC, Alexa Fluor 647, TO-PRO-3, DyeCycle Ruby
2		775/50	APC-Cy7, APC-eFluor780, APC-H7, Alexa Fluor 750
<b>BLUE LASER (488 nm)</b>			
1		525/50	FITC, Alexa Fluor 488, EGFP, YFP, mNeonGreen, SYTOX Green, zsGreen, Kaede (photoconvertable fluorescent protein)
2		695/40	7AAD, PerCP-Cy5.5, PerCP, PerCP Efluor 710, PeCy5.5, Pe-Cy5 (dim, APC-incompatible)