Yale Flow Cytometry Core at a Glance

Instrument name	UV 355 nm Excitation laser									405 nm Violet Excitation Laser									488 nm Excitation Laser										532 nm Excitation Laser					561 nm Excitation						633 nm Excitation Laser			NIR-780 nm Excitation Laser	
	BUV395, AF395, Indo-1 hi *	DAPI, BFP, Cascade Blue, AF350, Hoechst Blue, Hoechst 33258, INDO-1 lo*,	BUV496	BUV563	BUV615	BUV661	Hoechst Red, Side population	BUV737	BUV805	AF405, Cascade Blue, Pacific Blue, DAPI,Hoechst 34580, BV421, Marina Blue, BFP	BV480	Pacific Orange, AF430, AmCyan, CFP, BV510, Live dead Aqua, V500	BV570Q-dot 565***	Q-dot 605, BV605, e-fluo605	Q-dot 655, BV650	Q-dot 705, BV711	BV750	Q-dot 800, BV785	GFP, CFSE, PKH67, FITC, AF488, YFP	PE, Pyronin, PI (with PerCP)	PE-Texas Red, PE-Alexa 610, PI (with PE and PE-Cy5.5)	B8630	B8660	B8700, PI (with PE), PE-Cy5(alkalycrome), PerCP, PerCP-Cy5.5, PE-Cy5.5, PE-Alexa 647, EMA	B8750	PE-Cy7, PE-Alexa 750	B8790	PE, Ds Red, RFP, AF532, PKH26, mOrange, tdTomato, TagRFP, mStraweberry, mCherry, mKate,katushka2, Pyronin-Y, mRaspberry	AF568, AF594, PE-Texas Red, PI, Rhodamine-B	PE-Cy5(alkalycrome), PerCP-Cy5.5	PI, PE-Cy5.5	PE-Cy7	PE, Ds Red, RFP, AF532, PKH26, mOrange, TagRFP, Pyronin-Y	PE, Ds Red, RFP, AF532, PKH26, mOrange, tdTomato, TagRFP, mStraweberry,	mCherry, PE-CF594, PE-Texas Red, PE-Dazzle	pe-cy5, mPlum, mKate, katushka2, mRaspberry	PE-Cy5.5, PE-A680	Pe-Cy7	APC, AF647	AF680, AF700	APC-Cy7, APC-Alexa 750	Alexa 790	
Analyzers																																													
CytoFlex A and B	405/30	460/45						740/35		450/45		525/40		610/20		712/25		763/43	525/40		610/20			630/30										584/42		610/20	675/30	710/50	763/43	660/10	712/25	763/43		**CytoFlex A and B**
LSRII TAC5 UV	379/28	440/40						740/35		440/40		525/50		610/20		710/50			530/30	575/26	610/20			675/14			780/60													660/20	710/25	780/60		**LSRII TAC5 UV**
LSRII Green										450/50		525/50		610/20		710/50			525/50					670/14					575/26	610/20	660/20	710/50	780/60							670/30	710/50	780/60		**LSRII Green**
LSRII TAC6- GS										450/50		525/50		610/20		710/50			525/50					695/35					582/15	610/20	670/30	710/50	780/60							670/30	710/25	780/60		**LSRII TAC6-GS**
LSRII Amistad	379/28	450/50						740/35		450/50		525/50		610/20		710/50			525/50					695/35					575/26	610/20	670/30	710/50	780/60							660/20	710/25	780/60		**LSRII Amistad**
LSR Fortessa										450/50		525/50			440/40				515/20					635/35					582/15	610/20	660/20	710/50	780/40							670/30	730/45	780/60		**LSR Fortessa**
Symphony A and B	379/28	450/50	610/50	565/20	610/20	660/20		740/35	820/60	450/50	474/25	525/50	586/15	610/20	660/40	710/30	750/30	780/60	525/50			630/30	670/25	695/20	750/30			787/42							586/15		610/20	660/20	710/50	780/60		710/25	780/60	820/60	**Symphony A and B**
Cell Sorters																																													
SONY SH800										450/50		525/50		600/60	660/30	720/60		785/60	525/50								720/60									660/60		660/20		780/60	660/30	720/60	785/60		**SONY SH800**
TAC Aria-A (S617)	379/28*	450/50						740/35		450/50		525/50		610/20	670/30	710/50*			515/20					670/14					575/26	610/20	670/30	710/50	780/60							670/30	730/45	780/60		**TAC Aria -A**
TAC Aria-B (S633)										450/40		530/30							530/30	575/26	610/20			635/40			780/60													660/20	710/25	780/60		**TAC Aria -B**
FACSAria Amistad	379/29	450/50	615/20					740/35		450/50		525/50		610/20	670/30	710/50			515/20					692/33					575/26	610/20	660/40	710/50	780/40							660/20	710/50	780/60		**FACSAria Amistad**
FACSAria at 300 George St.	379/28*	450/50					575/50			450/40		525/50		610/20	670/30	780/60			525/20	582/15				750/60					575/26	616/23	670/30		780/60							670/30	730/45	780/60		**FACSAria at 300 George St.**
FACSAria LEPH	379/28		615/30					740/35		450/50		525/50		610/20	670/30	710/50			515/20					692/33					575/26	610/20	660/40	710/50	780/40							660/20	710/50	780/60		**FACSAria LEPH**
FACSAria 300 GS-345										450/40		530/30							530/30	575/26	610/20			695/40			780/60													660/20		780/60		**FACSAria 300 GS-345**

*Available with extra filter set