

BDFACS Aria II
Current as of: 9/1/2016
Standard Optical Bench

Laser	Wave-length	Actual Det'r	Det#	LP Filter	BP Filter	Applicable Dyes and Stains
Blue	488	B	BI-B	505	530/30	FITC, GFP, AF488, BB515, CFSE, SytoxGreen, ALDH, VioBright515
Blue	488	A	BI-A	685	710/50	PerCP-Cy5.5
LightGreen	552	D	LG-D	xxx	575/26 or 586/15	PE, DiI, PI, Resazurin, dsRed, Cy3, mBanana, mOrange, mTangerine, AmplexRed
LightGreen	552	C	LG-C	600	610/20	PI, PE-TxRed, LDF-Red, dsRed, PE-CF594, ECD, mCherry, PE/Dazzle594, 7AAD, AF594, AF568, mRaspberry
LightGreen	552	B	LG-B	685	710/50	PE-Cy5.5, mPlum
LightGreen	552	A	LG-A	750	780/60	PE-Cy7
Red	635	C	Rd-C	xxx	670/30	APC, AF647, TO-PRO3, Cy5
Red	635	B	Rd-B	690	730/45	AF700, APC-R700
Red	635	A	Rd-A	750	780/60	APC-Cy7, APC-H7, APC/Fire750, FVD eFl780
Violet	405	E	Vi-E	xxx	450/50	PacificBlue, SytoxBlue, v450, BV421, DCViolet, Ho-Blue, VioBlue, eBFP, FVDeFl450
Violet	405	D	Vi-D	505	525/50	AmCyan, QD525, VioGreen, PacGreen, BV510, eCFP, BV480, Aqua
Violet	405	C	Vi-C	630	660/20	QD655, Ho-Red (side pop), BV650
Violet	405	B	Vi-B	690	710/50	BV711
Violet	405	A	Vi-A	750	780/60	BV786
UV	355	B	UV-B	xxx	379/28	BUV395
UV	355	A	UV-A	690	740/35	BUV737
				790	820/60	BUV805

BDFACS Aria II
Current as of: 9/1/2016
Custom Bench #1

Laser	Wave-length	Actual Det'r	Det#	LP Filter	BP Filter	Applicable Dyes and Stains
Blue	488	B	BI-B	505	530/30	FITC, GFP, AF488, BB515, CFSE, SytoxGreen, ALDH, VioBright515
Blue	488	A	BI-A	685	710/50	PerCP-Cy5.5
LightGreen	552	D	LG-D	xxx	575/26 or 586/15	PE, Dil, PI, Resazurin, dsRed, Cy3, mBanana, mOrange, mTangerine
LightGreen	552	C	LG-C	600	610/20	PI, PE-TxRed, LDF-Red, dsRed, PE-CF594, ECD, mCherry, PE/Dazzle594, 7AAD, AF594, AF568, mRaspberry
LightGreen	552	B	LG-B	685	710/50	PE-Cy5.5, mPlum
LightGreen	552	A	LG-A	750	780/60	PE-Cy7
Red	635	C	Rd-C	xxx	670/30	APC, AF647, TO-PRO3, Cy5
Red	635	B	Rd-B	690	730/45	AF700, APC-R700
Red	635	A	Rd-A	750	780/60	APC-Cy7, APC-H7, APC/Fire750, FVD eFI780
Violet	405	E	Vi-E	xxx	450/50	PacificBlue, SytoxBlue, v450, BV421, DCViolet, Ho-Blue, VioBlue, eBFP, FVD eFI450
Violet	405	D	Vi-D	505	525/50	AmCyan, QD525, VioGreen, PacGreen, BV510, eCFP, BV480, Aqua
Violet	405	C	Vi-C	595	605	BV605, QD605
Violet	405	B	Vi-B	630	660/20	BV660, Ho-Red (side pop), QD655
Violet	405	A	Vi-A	690	710/50	BV711
UV	355	B	UV-B	xxx	379/28	BUV395
UV	355	A	UV-A	690	740/35	BUV737
				790	820/60	BUV805