

A5 SE North

Parameter/Voltage/Fluorochrome List

Parameter - BP Filter OPV* Common Fluorochromes

UV; 355nm/60mw		10 Fluorescent Parameters
UV379 - 379/34	520	BUV395/A350
UV446 - 446/67	500	DAPI/ZombieUV
UV515 - 515/60	500	BUV496
UV540 - 540/20	540	
UV585 - 585/30	560	BUV563
UV610 - 610/30	580	BUV 615
UV660 - 660/30	640	BUV661
UV695 - 694-40	620	
UV736 - 736/64	500	BUV737
UV809 - 809/82	500	BUV805

Violet; 405nm/200mw		14 Fluorescent Parameters
V427 - 427/25	560	BV421
V450 - 450/40	520	DAPI/eF450/V450/mTagBFP2/PacBI
V470 - 470/15	540	BV480/CFP
V510 - 510/40	540	BV510/V500/Aqua L_D
V540 - 540/20	540	AmCyan/SprkVio538
V576 - 576/20	600	BV570/Zombie Yellow
V595 - 595/30	560	BV605
V615 - 615/25	620	SuperBright 600
V660 - 660/30	600	BV650
V680 - 680/30	620	
V710 - 710/40	580	BV711
V750 - 750/40	460	BV750
V785 - 785/50	520	BV785 (786)
V845 - 845/70	500	

~450	FSC - Forward Scatter-Area
~250	SSC - Side Scatter-Area

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Blue; 488nm/150mw		9 Fluorescent Parameters
B510 - 510/20	560	FITC/BB515/NovaBlue510/GFP/CFSE
B537 - 537/32	520	A488/NovaB530-555/SprkBI550/RB545
B576 - 576/20	580	SprkB574
B602 - 602/40	560	BB630/RB613/PI
B660 - 660/30	600	BB660/7AAD/RB670/NovaB585-610
B675 - 675/20	620	PerCP/NovaB660
B710 - 710/50	600	PerCP55/BB700/PerCPeF710/RB705
B750 - 750/60	500	RB744/BB755
B810 - 810/79	480	BB790/RB780

Yellow-Green; 561nm/150mw		9 Fluorescent Parameters
YG585 - 585/30	620	PE/RYS86/SparkY570/BYG584/dsRed/tdTom
YG602 - 602/40	600	PECF594/PETxR/SprkY593(581)/A594
YG660 - 660/30	620	PE-Cy5/NovaY660/PEFire640
YG670 - 670/20	640	
YG695 - 695/40	560	PEFire700
YG730 - 730/50	500	NovaY700/RYS703
YG750 - 750/40	560	PE-Cy55/RYS743
YG780 - 780/60	480	PE-Cy7/RYS775
YG825 - 825/49	540	PEVio770/PEFire810

Red; 637nm/140mw		6 Fluorescent Parameters
R660 - 660/30	680	
R675 - 675/20	660	APC/A647/NovaB660
R680 - 680/30	660	A660/NovaR700(660-685)/SprkNIR685
R710 - 710/25	580	APC-R700/APC-Cy5.5/R718
R730 - 730/50	570	A700-750/NovaR710/eF R720/APCFire750
R780 - 780/60	540	APCCy7(H7)/APCFire810/APC-eF780

*OPV = Optimized/Balanced Voltages that should be used as starting voltages - NOT CST
 Instructions for loading starting voltages are on sheet attached to monitor