

Cytek Aurora CS and Northern Lights Laser Configuration

Violet-Excited Fluorochromes	Peak Channel	Emission Center Wavelength (nm)
BV421, MultiDot 420	V1	428
Alexa Fluor 405, Super Bright 436, Zombie Violet, Live/Dead Blue	V2	443
eFluor450, VioBlue, Pacific Blue, Live/Dead Violet	V3	458
BV480	V4	473
BV496, AmCyan, cFluorV505, eFluor506, CFP	V5	508
cFluor UV515, cFluor V515, MultiDot 520, Sapphire, SBV515	V6	525
BV510, VioGreen, Zombie Aqua, Live/Dead Aqua	V7	542
BV570, Pacific Orange, Live/Dead Yellow	V8	581
BODIPY 581-591, Rhod-2 AM	V9	598
BV605, Super Bright 600, Qdot 605, Live/Dead Red, Zombie Yellow	V10	615
BV650, Super Bright 645, Qdot655	V11	664
NovaFluor Violet 690	V12	692
BV711, Super Bright 702, Qdot 705	V13	720
BV750, cFluorV755, NovaFluor Violet 745, SBV760	V14	750
BV785, BV786, Qdot800	V15	780
LIVE DEAD NIR 876, NovaFluor Violet 800	V16	812
Blue-Excited Fluorochromes	Peak Channel	Emission Center Wavelength (nm)
BB515,sVio515, Vio515	B1	508
Alexa Fluor 488, FITC, VioBright, FITC, Zombie Green	B2	525
Alexa Fluor 532, Live/Dead Green	B3	542
PE, Alexa Fluor 555, Alexa Fluor 561, CellTrace Calcein Red AM, Cy3, PE-Cy3, SYTOX Orange, tdTomato	B4	581
DsRed, mStrawberry, RFP, MitoSpy Orange CMTMRos, RY586	B5	598
PE/Dazzle 594, PE-CF594, PE-eFluor 610, PE-Texas Red	B6	615
7-AAD, BB660, cFluor BYG645, mFluor Green 620, Propidium Iodide, SYTOX AADvanced	B7	661
PE-Cy5, PerCP	B8	679
PE-Cy5.5, PerCP-Cy5.5, BB700	B9	697
PerCP Vio700, PerCP-eFluor 710	B10	717
BB755, PE-Fire 744, cFluor BYG750, RB744	B12	760
PE Vio770, PE-Cy7	B13	783
BB790, NovaFluor Blue 800, PE-Fire 810, PerCP-Fire 780, RB780, SBB810	B14	812
Red-Excited Fluorochromes	Peak Channel	Emission Center Wavelength (nm)
APC, CellTrace FarRed, iFluor633, SYTOX Red, CF633	R1	661
Alexa Fluor 647, Vio 667, sVio 667, Live/Dead Far Red, eFluor 660	R2	679
APC-Cy5.5, Alexa Fluor 660, Cy5.5, iFluor660, SYTOX DeepRed	R3	697
Alexa Fluor 700, APC-R700, DyLight680, Vio Bright R720	R4	717
BUV737, NovaFluor Red 785, NovaFluor Yellow 730, LIVE DEAD Scarlet	R5	738
iFluor 710, Zombie NIR	R6	760

APC-Alexa 750, APC/Fire 750, APC-Cy7 APC-Vio770, APC-eFluor 780	R7	783
Alexa Fluor 790, APC-Fire 810, BUV805, CF770, DyLight 800, iFluor790	R8	812