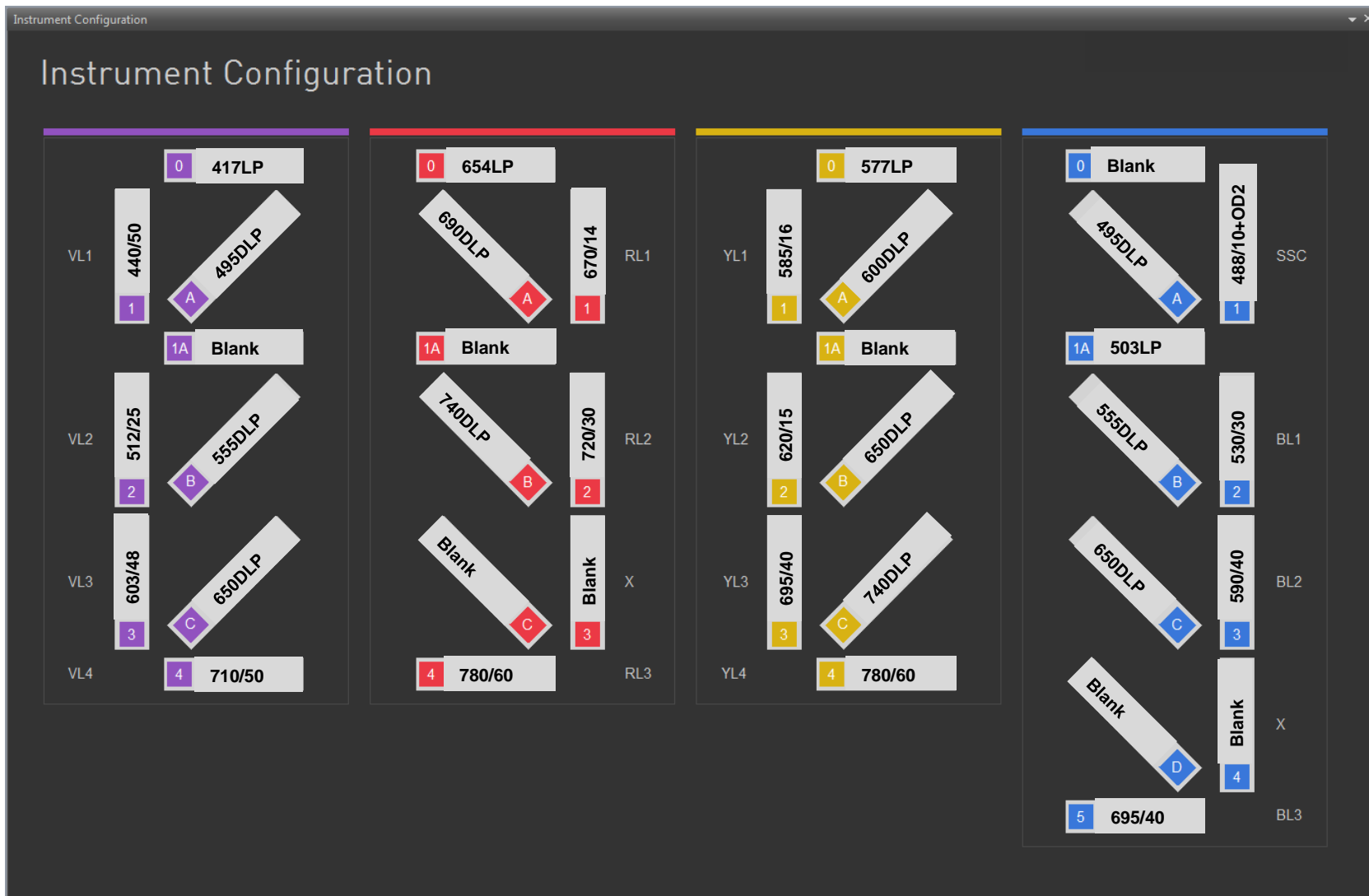


Attune NxT: Acoustic Focusing Flow Cytometer

Experience the Ultimate Speed without Compromising Performance



Violet Blue Yellow Red - Standard Configuration

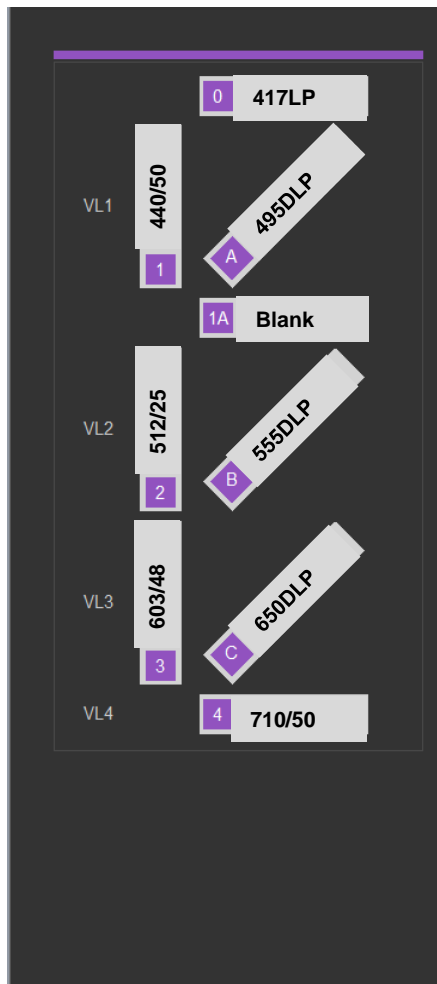


Filters and Fluorophores

Excitation laser	Channel color	Instrument config.*	Default filter (nm)	Filter range (nm)	Primary fluorophores	Other reagents
Blue (488 nm)	FSC blue scatter	BVRY, BVR, BVY, BR, BV, BY, B	488/10	483-493	NA	NA
	SSC blue scatter	BVRY, BVR, BVY, BR, BV, BY, B	488/10	483-493	NA	NA
	BL1 green	BVRY, BVR, BVY, BR, BV, BY, B	530/30	515-545	Alexa Fluor™ 488 Fluorescein GFP YFP	Calcein Fluo-3/Fluo-4 TO-PRO™-1 iodide CFSE JC-1/DiOC2[3] SYTOX™ Green DyeCycle™ Green Rhodamine 123 YO-PRO™-1 iodide Fixable Green Dead Cell Stain Click-iT™ Alexa Fluor™ 488
	BL2 orange	BVR, BR, BV, B	574/26	561-587	PE	Fura Red™ AM Cell Permeant DyeCycle™ Orange JC-1/DiOC2[3] pHrodo™ Phagocytosis Particle Labeling Kit SNARF™ [low pH] SYTOX™ Orange Dead Cell Stain
	BL2 orange	BVRY, BVY, BY,	590/40	570-610	PI	PE
	BL3 far red	BVRY, BVR, BVY, BR, BV, BY, B	695/40	675-715	PerCP-PE-Cy®5.5 PerCP-Cy®5.5	
BL4 near IR	BVR, BR, BV, B	780/60	750-810	PE-Alexa Fluor™ 750 PE-Cy®7	Qdot™ 800	

Excitation laser	Channel color	Instrument config.*	Default filter (nm)	Filter range (nm)	Primary fluorophores	Other reagents
Yellow (561 nm)	YL1 orange	BVRY, BVY, BY	585/16	577-593	PE	Fura Red™ AM Cell Permeant DyeCycle™ Orange JC-1/DiOC2[3] pHrodo™ Phagocytosis Particle Labeling Kit SNARF™ [low pH] SYTOX™ Orange Dead Cell Stain
	YL2 red	BVRY, BVY, BY	615/20	605-625	Alexa Fluor™ 594 PE-Alexa Fluor™ 610 m-Cherry	
	YL3 far red	BVRY, BVY, BY	695/40		TRI-COLOR™ [TC, PE-Cy®5] PE-Cy®5.5	Vybrant™ DyeCycle™ Ruby
	YL4 near IR	BVRY, BVY, BY	780/60	750-810	PE-Alexa Fluor™ 750 PE-Cy®7	Qdot™ 800
Red (638nm)	RL1 far red	BVRY, BVR, BR	670/14	650-670	Allophycocyanin [APC] Alexa Fluor™ 647	Fixable Far Red Dead Cell Stain Click-iT™ Alexa Fluor™ 647 FixCycle™ Far Red SYTOX™ Red Dead Cell Stain
	RL2 near IR	BVRY, BVR, BR	720/30	705-735	Alexa Fluor™ 700	Vybrant™ DyeCycle™ Ruby
	RL3 near IR	BVRY, BVR, BR	780/60	750-810	APC-Alexa Fluor™ 750 APC-Cy®7 APC-H7	Fixable Near-IR Dead Cell Stain Vybrant™ DyeCycle™ Ruby
Violet (405 nm)	VL1 blue	BVRY, BVR, BVY, BV	440/50	415-445	Pacific Blue™ Alexa Fluor™ 405	PO-PRO™-1 DyeCycle™ Violet Fixable Violet Dead Cell Stain CellTrace™ Violet Calcein Violet SYTOX™ Blue FixCycle™ Violet Click-iT™ Pacific Blue™
	VL2 green	BVRY, BVR, BVY, BV	512/25	500-525	Pacific Green™ Qdot™ 525	Fixable Aqua Dead Cell Stain F2N125 [apoptotic]
	VL3 orange	BVRY, BVR, BVY, BV	603/48	579-627	Pacific Orange™ Qdot™ 605	Fixable Yellow Dead Cell Stain F2N125 [live]
	VL4 near IR	BVRY, BVR, BVY, BV	710/50	685-735	Qdot™ 705	

Violet SSC Configuration



Violet Side Scatter Kit

415 dichroic LP
405/10 BP - OD2 filter
Blank 25 mm holder

