

The Attune NxT Flow Cytometer offers increased flexibility, intuitive software and a high throughput 96 well platform for data acquisition with hydrodynamic focusing technology. A total of 14 fluorescent detection parameters along with Forward & Side scatter, and 4 excitation lasers including 488, 405, 561 & 637nm.

Excitation laser	Emission filter (nm)	Channel	Antibody labels	Compatible fluorescent proteins
Violet–405 nm 50 mw	450/40	VL1	Super Bright 436 eFluor 450 VioBlue Brilliant Violet 421 Pacific Blue BD Horizon V450 Alexa Fluor405 DAPI	Azurite Cerulean eBFP eCFP mTurquoise Sirius
	525/50	VL2	eFluor 506 VioGreen Brilliant Violet 510 Pacific Green BD Horizon V500 AmCyan	T-Sapphire CFP vGFP
	610/20	VL3	Super Bright 600 Qdot 605 Pacific Orange Brilliant Violet 605	
	660/20	VL4	Super Bright 645 Brilliant Violet 650 Qdot 655	
	710/50	VL5	Super Bright 702 Brilliant Violet 711 Qdot 705	
	780/60	VL6	Super Bright 786 Brilliant Violet 786 Qdot 800	
Blue–488 nm 50 mw	530/30	BL1	Alexa Fluor 488 FITC	eGFP Emerald eYFP
	695/40	BL2	PE-Alexa Fluor 700 PE-Cy5.5 PerCP-Cy5.5 PerCP-eFluor 710 Qdot 705	
Yellow–561 nm 50 mw	585/16	YL1	Alexa Fluor 555 Qdot 605 R-phycoerythrin (R-PE, PE)	tdTomato mOrange YFP RFP
	620/15	YL2	Alexa Fluor 568 Alexa Fluor 594 Qdot 605 PE-Texas Red PE-Alexa Fluor 610 PE-eFluor 610	mCherry DsRed mKate mStrawberry
	780/60	YL3	Qdot 800 PE-Cy7 PE-Alexa Fluor 750	
Red–637 nm 100mw	670/14	RL1	APC Alexa Fluor 647 Qdot 655 eFluor 660 APC-Cy5	Crimson FP
	720/30	RL2	Alexa Fluor 680 Alexa Fluor 700 APC-Alexa Fluor 700 Qdot 705	IFP
	780/60	RL3	APC-Alexa Fluor 750 APC-Cy7 Qdot 800 APC-eFluor 780	