

# Attune NxT Flow Cytometer

Rapid, accurate detection of rare events

The Invitrogen™ Attune™ NxT Flow Cytometer is a benchtop analyzer that uses acoustic focusing, a revolutionary technology that aligns cells prior to interrogation with a laser for multicolor flow cytometry analyses. This allows for significantly greater collection rates and the improved ability to detect rare events without excess sample manipulation.



## The system offers:

- Time savings—**10X** faster speeds with no loss in data accuracy
- Reduced clogging—even with large or sticky cell types
- Easy protocols—no wash, no lyse options
- Simple software—learn to run basic panels in less than a day

## BRYV6 Laser Configuration

Excitation Laser	Emission Filter (nm)	Channel	Recommended Dyes	Fluorescent Proteins	Excitation Laser	Emission Filter (nm)	Channel	Recommended Dyes	Fluorescent Proteins
Violet- 405 nm	450/40	VL1	Super Bright 436 Alexa Fluor® 405 eFluor 450 Brilliant Violet 421 Pacific Blue®	Sirius Azurite eCFP eBFP mTurquoise Cerulean	Yellow- 561 nm	585/16	YL1	PE	mOrange RFP dTomato
	525/50	VL2	eFluor™ 506 Brilliant Violet 510 Pacific Green™	vGFP		620/15	YL2	PE- Alexa Fluor® 610 PE- Texas Red®	mCherry DsRed mKate mStrawberry
	610/20	VL3	Super Bright 600 Brilliant Violet 605 Pacific Orange™			780/60	YL3	PE-Cy®7 Qdot® 800	
	660/20	VL4	Super Bright 645 Brilliant Violet 650		Red- 633 nm	670/14	RL1	APC Alexa Fluor® 647 Qdot® 655	
	710/50	VL5	Super Bright 702 Brilliant Violet 711			720/30	RL2	Alexa Fluor® 680 Alexa Fluor® 700 APC-Alexa Fluor® 700 Qdot® 705	
	780/60	VL6	Brilliant Violet 786			780/60	RL3	APC-Alexa Fluor® 750 APC-Cy®7 Qdot® 800	
Blue- 488 nm	530/30	BL1	Alexa Fluor® 488 FITC	eGFP Emerald eYFP					
	695/40	BL2	PE-Alexa Fluor® 700 Tri-Color® PE-CY 5.5 PerCP PerCP-Cy®5.5 Qdot® 705						