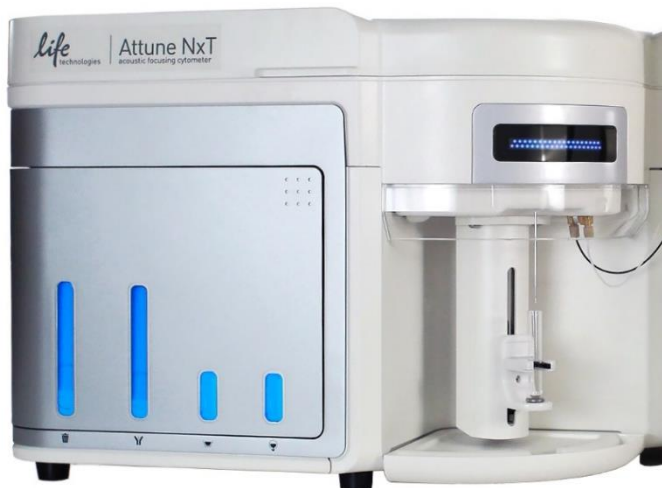


## Attune NxT BRV6Y (Acoustic-assisted hydrodynamic focusing)



### Attune NxT specifications:

- 4 laser system: Violet / Blue / Yellow-green / Red
- Simultaneous measurement of 14 fluorescence parameters
- Acquisition up to 35,000 events/second
- Volumetric analysis for accurate determination of cell concentration without the need for counting beads
- User friendly software

Channel Name	Bandpass Filter	Longpass Filter(s)	Commonly Used Fluorophores
<b>Violet Laser   <math>\lambda = 405\text{nm}</math>, power* = 50mW</b>			
VL-1	450/50	417LP	BV421, V450, VioBlue, LIVE/DEAD fixable Violet, DAPI, SYTOX blue
VL-2	525/50	495DLP	BV510, V500, VioGreen, LIVE/DEAD fixable Aqua
VL-3	610/20	555DLP	BV605, FVS575V
VL-4	660/20	635DLP	BV650
VL-5	710/50	680DLP	BV711
VL-6	780/60	740DLP	BV786
<b>Blue Laser   <math>\lambda = 488\text{nm}</math>, power* = 50mW</b>			
SSC	488/10	No LP	
BL-1	530/30	503LP	FITC, BB515, AF488, LIVE/DEAD fixable Green, CFSE, EGFP, EYFP
BL-2	695/40	555DLP	PerCP-Cy5.5, BB700, Propidium Iodide, 7-AAD, PE-AF700
<b>Yellow-Green Laser   <math>\lambda = 561\text{nm}</math>, power* = 50mW</b>			
YL-1	585/16	577LP	PE, AF555, RFP
YL-2	620/15	600DLP	PE-CF594, PE/Dazzle594, PE-eFluor610, mCherry, tdTomato
YL-3	780/60	650DLP	PE-Cy7, PE-Vio770
<b>Red Laser   <math>\lambda = 638\text{nm}</math>, power* = 100mW</b>			
RL-1	670/14	645LP	APC, AlexaFluor647
RL-2	720/30	690DLP	AF680, AF700, APC-R700, APC-AF700
RL-3	780/60	740DLP	APC-H7, APC-Cy7, APC-eFluor780

\*Available power after fibre optic transmission and lens focusing of the beam, LP = Longpass, DLP = Dichroic Longpass