

CNY Flow Core BD Instrument Configurations

Lasers:	Instrument:	Fortessa (Analyzer)	Aria II (Sorter)	Fusion (Sorter)	X-20 (Analyzer)	Fluorochromes:
355 nm UV				730/45 450/50 379/28	740/35 500/40 379/28	BUV737 BUV495, DAPI, Live-dead blue, Alexa350, Calcein Blue BUV395
405nm Violet		610/20 525/50 450/50	530/30 450/50	780/60 710/50 670/30 610/20 525/50 450/50	780/60 710/40 670/30 610/20 525/50 450/50	BV786 BV711, QDot705 BV650, QDot655 BV605, QDot605, QDot625 BV510, AmCyan, V500, Live-dead aqua, PacOrange, QDot545, Qdot 525 BV421, AF405, BV480, V450, PacBlue, DAPI, CFP, BFP, Live-dead violet*
488/459nm Blue		710/50 530/30	685/35 525/50	710/50 530/30	710/50 530/30	BB700, PerCP-EF710, PerCP-Cy5.5* BB515, FITC, GFP, AF488, YFP, ZsGreen, Mitosox Red, Calcein AM, Aldefluor, OFF, CFSE
561nm Yellow-Green		780/60 710/50 670/30 610/20 586/15	780/60 710/50 670/30 610/20 582/15	780/60 670/30 610/20 586/15	780/60 670/30 610/20 586/15	PE-Cy7 PE-Cy5.5 PE-Cy5, 7AAD PE-CF594, PE-Texas Red, mCherry, RFP, DsRed, PI PE, tdTomato
640nm Red		780/60 730/45 670/14	780/60 730/45 670/14	780/60 730/45 670/14	780/60 730/45 670/14	APC-Cy7, APC-AF750, APC-H7, APC-e780 AF700, APC-Cy5.5, APC-Alexa700 APC, AF647, To-Pro3
	Total colors:	13	12	18	18	

*PerCP can be used in place of PerCP-Cy5.5 with a filter change to 670/30