

MGH: CNY Flow Core Sorter Configurations

Lasers:	Sorters:	Aria II	Melody	Fusion	Fluorochromes examples per filter
355nm UV				730/45 450/50 379/28	BUV737 BUV495, DAPI, Live-dead blue, Alexa350, Calcein Blue BUV395
405nm Violet		530/30 450/50	528/45 448/45	780/60 710/50 670/30 610/20 525/50 450/50	BV786, QDot800 BV711, QDot705 BV650, QDot655 BV605, QDot605, QDot625 BV510, AmCyan, V500, Live-dead Aqua, PacOrange, QDot545, Qdot 525 BV421, PacBlue, DAPI, BFP, V450, AF405, Sytox, Live-Dead Violet
499 Blue	685/35 525/50	700/54 527/32	710/50 530/30		PerCP-Cy5.5 (PerCp w/filter change), 7AAD, PerCP-eFluor710, BB700 FITC, GFP, AF488, YFP, ZsGreen, Mitosox Red, Calcein AM, Aldefluor, OFP, CFSE, BB515
561nm Yellow-Green	780/60 710/25 670/30 610/20 582/15	783/56 697/58 613/18 582/15	780/60 670/30 610/20 586/15		PE-Cy7 PE-Cy5.5 PE-Cy5, 7AAD PE-CF594, PE-Texas Red, mCherry, RFP, PI, DsRed PE, tdTomato
628nm Red	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:	12	8	18		