

先端バイオメディシン解析技術室 BD FACSAria Fusion Cell Sorter (5Laser, 18Filter)

Cytometer Configuration

Laser Name	Wavelength	Mirror	Filter	Parameter (for exsample)
Blue/445 Blue	488 nm	655 LP	695/40 BP	PerCP, PerCP-Cy5.5
		502 LP	530/30 BP	Alexa Fluor 488, FITC, GFP
561 Yellow-Green	561 nm	735 LP	780/60 BP	PE-Cy7
		630 LP	670/14 BP	PE-Cy5, PE-Cy5.5
		600 LP	610/20 BP	PE-CF594, PI
		-	582/15 BP	PE, DS-Red
Red	640 nm	755 LP	780/60 BP	APC-Cy7, APC-H7
		690 LP	730/45 BP	Alexa Fluor 700, APC-R700
		-	670/30 BP	Alexa Fluor 647, APC
Violet	405 nm	750 LP	780/60 BP	BV786
		690 LP	710/50 BP	BV711
		630 LP	660/20 BP	BV650
		595 LP	610/20 BP	BV605
		505 LP	525/50 BP	BV510, V500, FVS510
		-	450/40 BP	BV421, Pacific Blue, V450
355 UV	355 nm	770 LP	820/60 BP	BUV805
		690 LP	740/35 BP	BUV737
		-	379/28 BP	BUV395

* BSC : Class II TypeA2

* Nozzle size : 70µm, 85µm, 100µm

* Sort collection device :

- Two-way sorting 12x75 mm tube, 15ml tube
- Four-way sorting 12x75 mm tube, 1.5ml microtube

* Automated Cell Deposition Unit (ACDU) can accommodate 6,24,48,96,384-well plates

* Temperature Control Option :

This option can be used for both sort tube and plate temperature regulation during a sort.

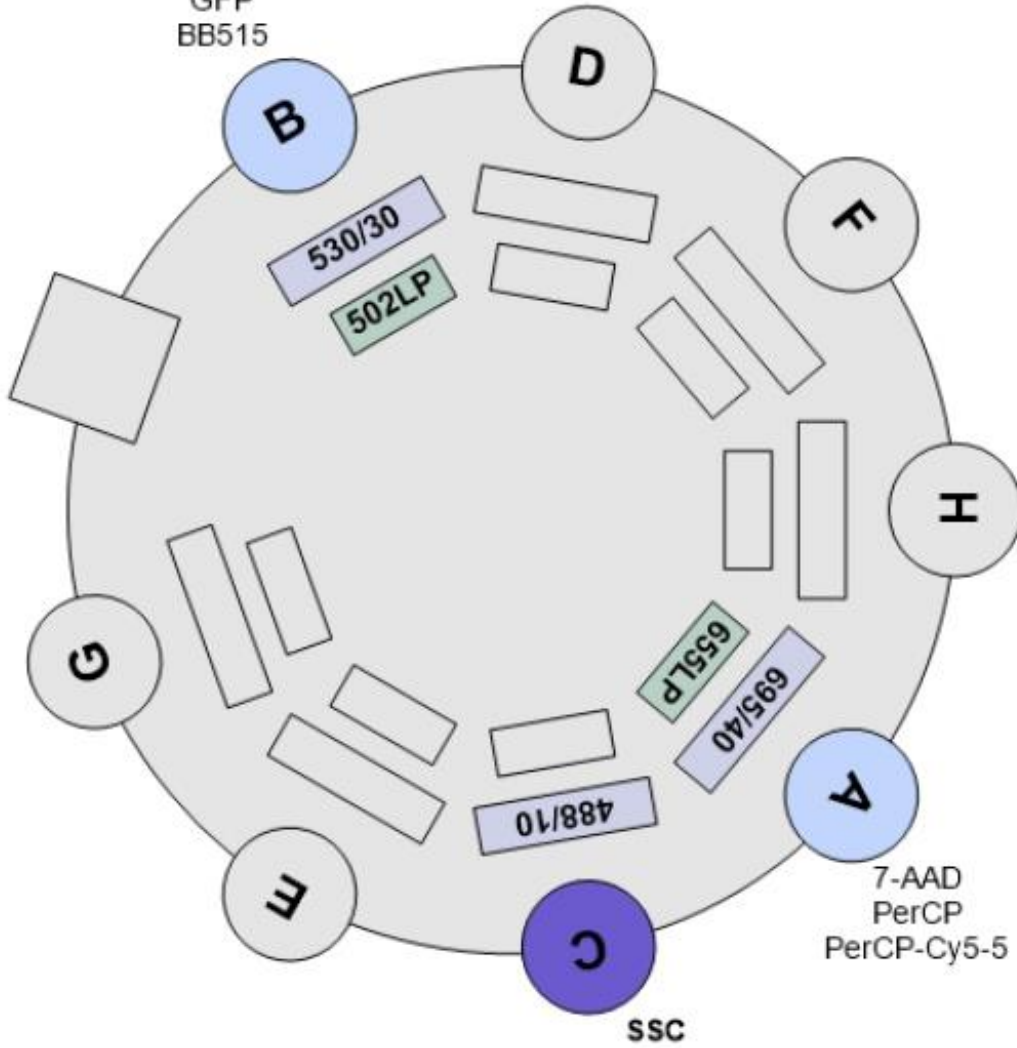
Collection tube holders with ports for recirculating water

- Two-way 15 ml tube
- Four-way 12x75 mm tube, 1.5ml microtube

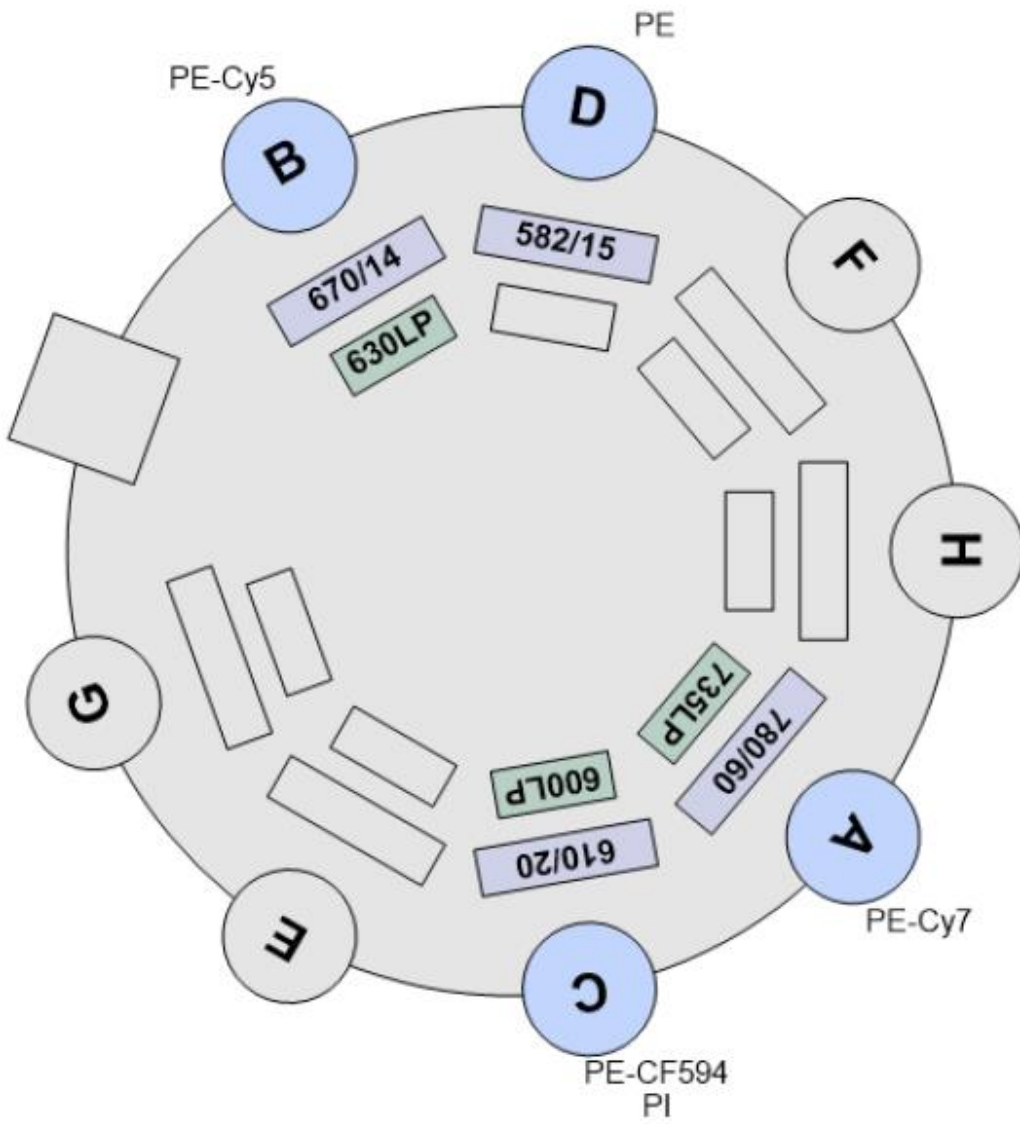
ARIA Fusion 5Laser18Color(2b,3r,4yg,6v,3UV)Base Config

Blue/445 Blue Laser
(488nm)
FSC

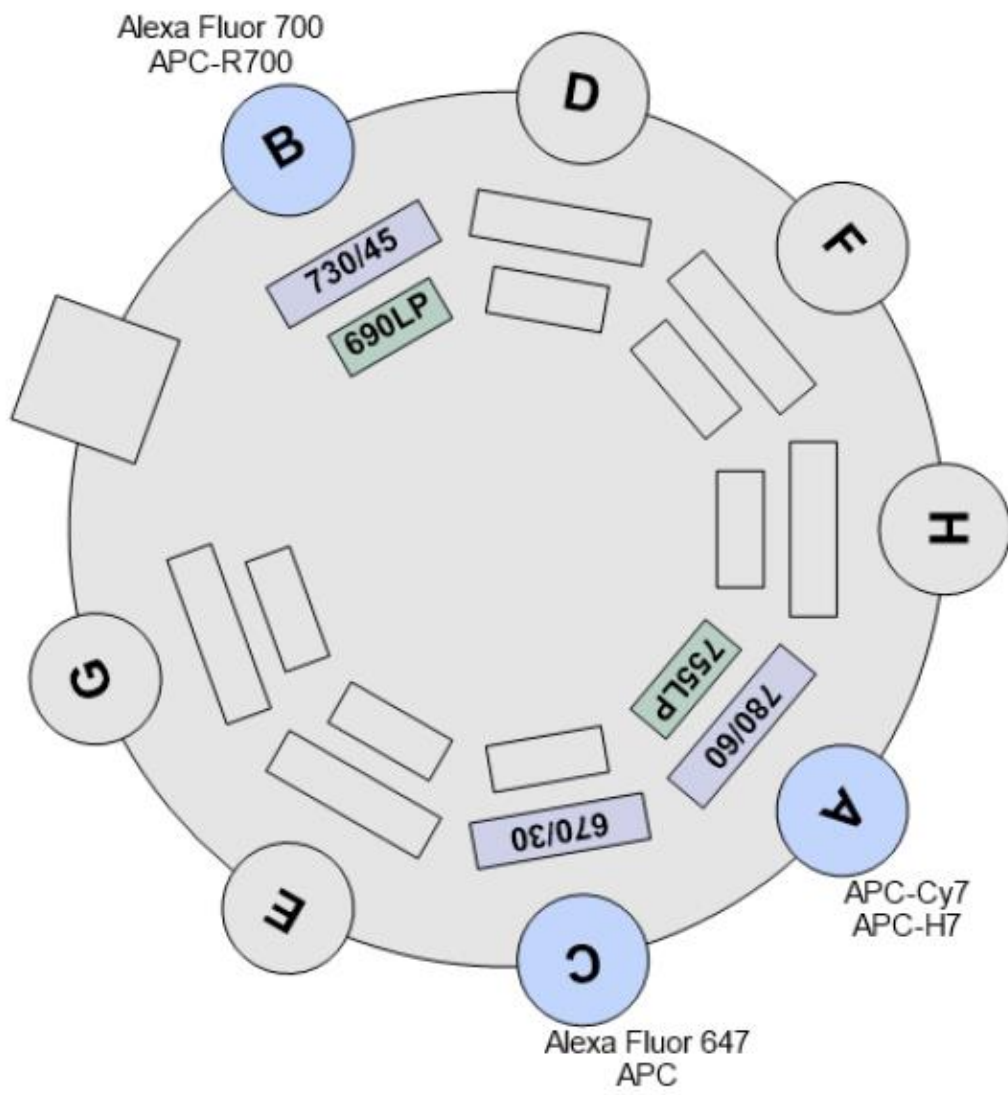
Alexa Fluor 488
FITC
GFP
BB515



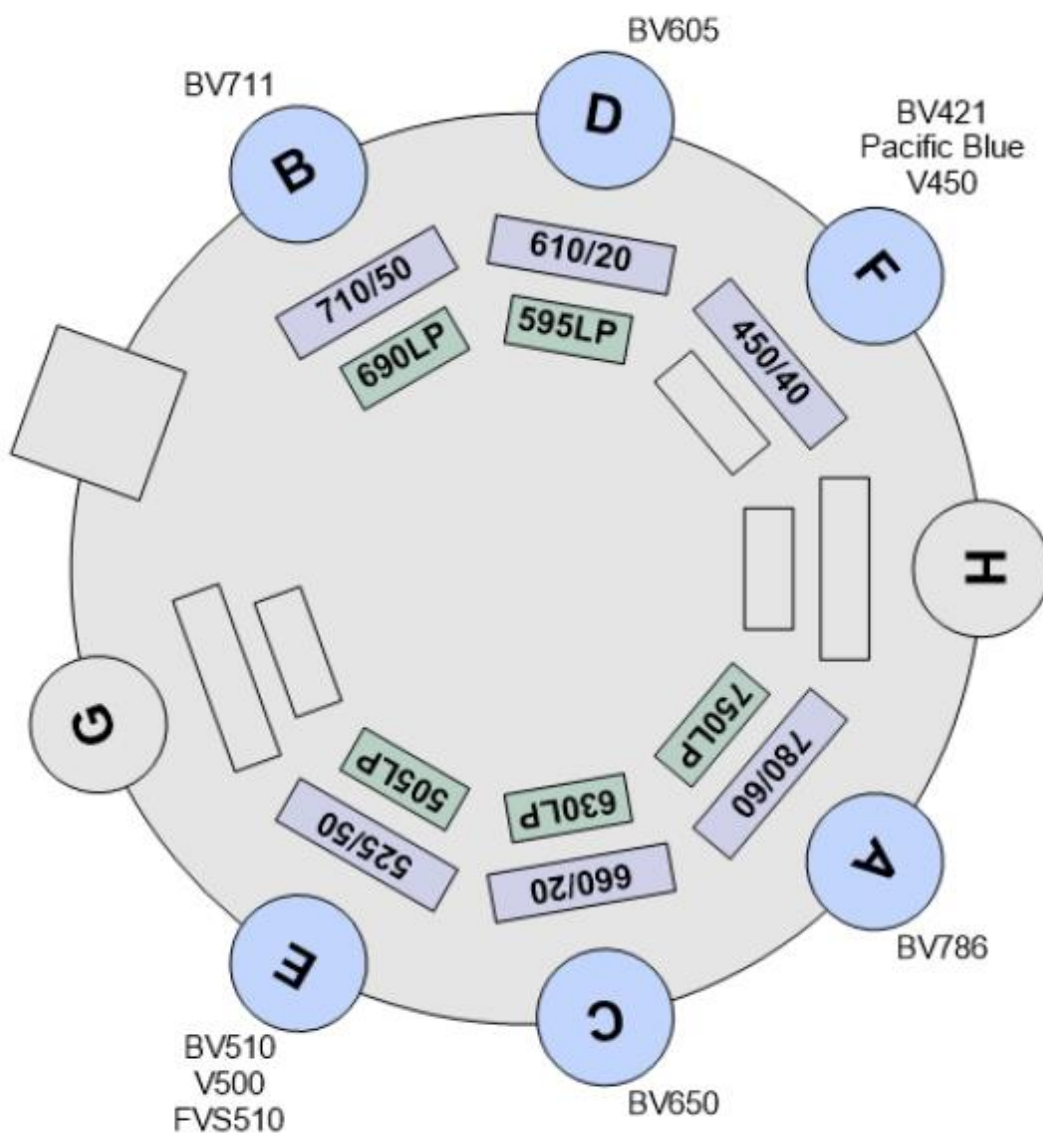
561 Yellow-Green Laser
(561nm)



Red Laser
(640nm)



Violet Laser
(405nm)



355 UV Laser
(355nm)

