

Aria III Laser, Mirrors & Channels

Blue Laser (488nm)

Channel A (PerCP-Cy5.5: 655LP)
(YFP w. GFP: 525LP)

488 695/40

7AAD (670/30)

PerCP (670/30)

PerCP-Cy5.5 (695/40)

PerCP-efluor 710

YFP (with GFP) (538/25 525LP)

488 670/30

Channel B (502LP)

488 530/30

Ax488

Calcein

CFSE

FITC

GFP (530/30)

YFP (w/o GFP) (510/20)

Brilliant Blue

Channel C (empty)

SSC (488/10)

Red Laser (640nm)

Channel A (755LP)

633 780/60

APC-efluor 780

APC-Cy7

APC-H7

Viability Dye 780

Channel B (690LP)

RL 730/45

APC-Cy5.5

Ax680

Ax700

Channel C (empty)

RL 660/20

APC

Ax633

Ax647

Cy5

efluor 660

TO-PRO-3

Yellow/Green Laser (561nm)

Channel A (735LP)

561 780/60

PE-Ax750

PE-Cy7

Channel B (685LP)

561 710/50

PE-Ax700

PE-Cy5.5

Channel C (635LP)

561 670/14

mPlum

PE-Cy5

Channel D (600LP)

561 610/20

mCherry

PE-TxRed

PI

Channel E (570LP)

561 586/15

Cy3

DsRed

PE

RFP

tdTomato

Violet Laser (405nm)

Channel A (750LP)

405/375 780/60

BV 786

Channel B (690LP)

405/375 710/50

BV 711

Channel C (630LP)

405/375 660/20

BV 650

Channel D (595LP)

405/375 610/20

BV 605

efluor 605

Channel E (570LP)

405/375 585/15

BV 570

405 585/42

Channel F (505LP)

405/375 525/50

AmCyan

BV 510

CFP / ECFP

Horizon V500

Pacific Orange

Channel G (empty)

405/375 450/50

Ax405

BV 421

DAPI

DyeCycle violet

Horizon V450

Pacific Blue

Sytox Blue

Near UV Laser (375nm)

Channel A (610LP)

Hoechst Red (670LP)

Channel B

Hochest Blue (450/40LP)