

Aria II

LASER	PMT#	DICHROIC	FILTER	EM RANGE	FLUOROCHROMES
BLUE (488)	A	685LP	710/50	685-735nm	PerCP-Cy5.5, PE-Alexa700, PerCP*
	B	505LP	530/30	515-545nm	FITC, Calcein, CFSE, Alexa488, EGFP
	C	-	488/10	483-493nm	SSC** NO FLUORESCENCE ON THIS DETECTOR
RED (640)	A	755LP	780/60	755-810nm	APC-Cy7, Alexa750, APC-H7
	B	690LP	730/45	707-752nm	Alexa700, APC-Cy5.5
	C	-	670/30	655-685nm	APC, Alexa633, Alexa647
GREEN (561)	A	755LP	780/60	755-810nm	PE-Cy7
	B	635LP	660/20	650-670nm	PE-Cy5, 7AAD
	C	-	582/15	574-589nm	PE
UV (355)	A	505LP	530/30	515-545nm	Indo-1 (Blue)
	B	-	450/50	425-475nm	Hoechst, DAPI, Alexa350, Live/Dead Blue, Indo-1 (Violet)
Violet (405)	A	630LP	660/40	640-680nm	Qdot655
	B	595LP	605/40	595-625nm	Qdot605
	C	570LP	585/42	570-564nm	Qdot585, Pacific Orange
	D	-	450/50	425-475nm	Pacific Blue, BD Horizon V450

Please consult the Flow Core or <http://www.bdbiosciences.com/spectra> to determine which fluorochromes cannot be used together due to high spectral overlaps.

Additional Filters and Fluorochromes Available:

LASER	PMT#	DICHROIC	FILTER	EM RANGE	FLUOROCHROMES
488	B	505LP	560/40	540-580nm	Qdot565
640	C	-	610/20	600-620nm	mCherry
640	C	-	610/20	600-620nm	PE-TxRed
640	C	-	610/20	600-620nm	PI
640	C	-	610/20	600-620nm	PE-Alexa610
561	C	-	585/15	578-592nm	DsRed
405	D	-	525/50	500-550nm	AmCyan

*not optimal