

BioRad ZE5-A 5B 7V 3R 7UV 5YG

Detector Array	Channel	Dichroic Mirror	Bandpass Filter	Fluorochrome Examples
Blue Laser (488nm)	1	493 DLP	488/10	SSC
	2	558 DSP	525/35	FITC, GFP, eYFP, AF 488
	3	629 DLP	593/52	PE, PE-Texas Red,
	4	752 DLP	692/80	PE-Cy5, PerCP-Cy5.5
	5	650 LP		PE-Cy7
Violet Laser (405nm) 100mw	1	439 DLP	420/10	BV421, Cascade Blue
	2	493 DLP	460/22	Pacific Blue, BD Horizon V450
	3	581 DLP	525/50	AmCyan, BV510, Cascade Yellow, Pacific Orange
	4	640 DLP	615/24	BV605
	5	690 DLP	670/30	BV650
	6	752 DLP	720/60	BV711
	7	750DLP		BV786
Red Laser (640nm) 100mw	1	690 DLP	670/30	APC, Cy5, AF647
	2	752 DLP	720/60	AF700, AF680, Cy5.5, eFluor 710
	3	800 LP	775/50	APC-Cy7, APC-H7, APC-AF 750, APC-eFluor 780
UV Laser (355nm) 50mw	1	439 DLP	387/11	BUV395, Indo-1 hi (Ca ²⁺ saturated)
	2	560 DLP	509/24	BUV496, DAPI
	3	600 DLP	577/15	BUV563
	4	640 DLP	615/24	BUV615
	5	690 DLP	670/30	BUV661
	6	776 DLP	747/33	BUV737
	7	780 LP		BUV805
YG Laser (561nm) 50mw	1	600 DLP	583/30	dTomato, dsRed, PE
	2	652 DLP	615/24	PE-Texas Red, PE-CF594, mCherry
	3	690 DLP	670/30	PE-A647, PE-Cy5
	4	752 DLP	720/60	PE-Cy5.5
	5	750LP		PE-Cy7