

BC CytoFLEX – MELSS, Faculty of Medicine

Laser: 405nm Violet (can use 2 at a time only)

Detectors	Range	Channel Name	Common Fluorochromes
450/45	427-478	PB450	Pacific Blue, V450, eFluor 450, BV421
525/40	505-545	KO525	Krome Orange, AMCyan, V500, BV510, VG
610/20	600-620	Violet 610	BV605, Qdot 605, Violet610
660/10	655-665	Violet 660	BV650, Qdot 655, Violet660
780/60	750-810	Violet 780	BV785, Qdot 800, Violet780














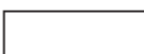


Laser: 488nm Blue

Detectors	Range	Channel Name	Common Fluorochromes
525/40	505-545	FITC	FITC, Alexa Fluor 488, CFSE, Fluo-3
585/42	564-606	PE	PE
610/20	600-620	ECD	ECD, PE-Texas Red, PE-CF594, PI
690/50	665-715	PC5.5	PC5, PC5.5, PerCP, PerCP-Cy5.5, PI, DRAQ7
780/60	750-810	PC7	PC7, DRAQ7

Laser: 638nm Red

Detectors	Range	Channel Name	Common Fluorochromes
660/10	655-665	APC	APC, Alexa Fluor 647, eFluor 660, Cy5
712/25	700-725	APC-A700	APC-Alexa Fluor 700, Alexa Fluor 700, Cy5.5, DRAQ7
780/60	750-810	APC-A750	APC-Alex Fluor 750, APC-Cy7, APC-H7, APC-eFluor 780, DRAQ7

Table 1.1 WDM Optical Filter Mount Color Codes [CytoFLEX]

Lasers	Fluorescent Channel	CytoFLEX Channel Names	Commonly used Fluorescent Dyes
 488 nm	 525/40 BP	FITC	FITC, Alexa Fluor™ 488, CFSE, Fluo-3
	 585/42 BP	PE	PE, PI
	 610/20 BP	ECD	ECD, PE-Texas Red®, PE-CF594, PI
	 690/50 BP	PC5.5	PC5.5, PC5, PerCP, PerCP-Cy5.5, PI, DRAQ7™
	 780/60 BP	PC7	PC7, DRAQ7™
 638 nm	 660/10 BP	APC	APC, Alexa Fluor™ 647, eFluor™ 660, Cy5
	 712/25 BP	APC-A700	APC-A700, Alexa Fluor™ 700, Cy5.5, DRAQ7™
	 780/60 BP	APC-A750	APC-A750, APC-Cy7, APC-H7, APC- eFluor™ 780, DRAQ7™
 405 nm	 450/45 BP	PB450	Pacific Blue™ dye, V450, eFluor™ 450, BV421
	 525/40 BP	KO525	Krome Orange, AmCyan, V500, BV510
	 610/20 BP	Violet610	BV605, Qdot® 605
	 660/10 BP	Violet660	BV650, Qdot® 655
	 780/60 BP	Violet780	BV785, Qdot® 800

NOTE The CytoFLEX and CytoFLEX S might have the following additional BP filters supplied within WDMs:

- 405/10 BP
- 638/6 BP
- 561/6 BP
- 488/8 BP