

Common Fluorochromes

BD Aria Fusion:

(Laser) filter										
(488) 530/30	FL1	FITC	Alexa 488	CFSE	GFP	Zombie Green	CellTracker Green	Live/Dead Green	FixVia eFluor 520	Yo-Pro
(488) 695/40 *	FL2	PerCP	PerCP-Cy5.5	PerCP-eFluor710						
(633) 670/30 *	FL3	APC	Alexa 647	eFluor 660	DRAQ 5		DRAQ 7	Live/Dead Far Red	FixVia eFluor 660	
(633) 730/45	FL4	AlexaFluor 700								
(633) 780/60	FL5	APC-Cy7	APC-H7	Alexa 780	APC-eFluor 780	Zombie Near IR	APC-Vio 770	Live/Dead Near IR	FixVia eFluor780	
(405) 450/50	FL6	Brill Vio 421	V450	Pac Blue	VioBlue	Zombie Violet	CellTrace Violet	Live/Dead Violet	FixVia eFluor 450	DAPI
(405) 525/50	FL7	Brill Vio 510	V500	Krome Orange	VioGreen	Zombie Aqua	CellTracker Violet	Live/Dead Aqua	FixVia eFluor 506	Qdot 525
(405) 610/20	FL8	Brill Vio 605	eFluor 605/NC	Qdot 605		Zombie Yellow				
(405) 660/20	FL9	Brill Vio 650	Q Dot 655							
(405) 710/50	FL10	Brill Vio 711	Q Dot 705							
(405) 780/60	FL11	Brill Vio 785	Q Dot 800							
(561) 582/15 #	FL12	PE	Nile Red	JC-1	DiOC ₂		DsRED	tdTomato	mStrawberry	mOrange
(561) 610/20 #	FL13	PI	PE-CF594	PE-eFluor 610	PE-TexasRed	Zombie Red	mRaspberry	Live/Dead Red	mCherry	PE-Alexa 610
(561) 670/14 *	FL14	PE-Cy5	7-AAD				mPlum			
(561) 710/50 *	FL15	PE-Cy5.5								
(561) 780/60	FL16	PE-Cy7	PE-Alexa 750	PE-Vio 770						

Note:

- » *Many fluorochromes will be detected brightly in more than one channel.*
- » *Many fluorochromes used together, particularly those in * and # channels, may be difficult/impossible to resolve from each other.*
- » *Advice should be sought when designing fluorochrome panels.*

Common Fluorochromes

BD LSRFortessa:

(Laser) filter										
(488) 530/30	FL1	FITC	Alexa 488	CFSE	GFP	Zombie Green	CellTracker Green	Live/Dead Green	FixVia eFluor 520	Yo-Pro
(488) 695/40 *	FL2	PerCP	PerCP-Cy5.5	PerCP-eFluor710						
(633) 670/14 *	FL3	APC	Alexa 647	eFluor 660	DRAQ 5		DRAQ 7	Live/Dead Far Red	FixVia eFluor 660	
(633) 730/45	FL4	AlexaFluor 700								
(633) 780/60	FL5	APC-Cy7	APC-H7	Alexa 780	APC-eFluor 780	Zombie Near IR	APC-Vio 770	Live/Dead Near IR	FixVia eFluor780	
(405) 450/50	FL6	Brill Vio 421	V450	Pac Blue	VioBlue	Zombie Violet	CellTrace Violet	Live/Dead Violet	FixVia eFluor 450	DAPI
(405) 525/50	FL7	Brill Vio 510	V500	Krome Orange	VioGreen	Zombie Aqua	CellTracker Violet	Live/Dead Aqua	FixVia eFluor 506	Qdot 525
(405) 610/20	FL8	Brill Vio 605	eFluor 605/NC	Qdot 605		Zombie Yellow				
(405) 660/20	FL9	Brill Vio 650	Q Dot 655							
(405) 710/50	FL10	Brill Vio 711	Q Dot 705							
(405) 780/60	FL11	Brill Vio 785	Q Dot 800							
(561) 582/15 #	FL12	PE	Nile Red	JC-1	DiOC ₂		DsRED	tdTomato	mStrawberry	mOrange
(561) 610/20 #	FL13	PI	PE-CF594	PE-eFluor 610	PE-TexasRed	Zombie Red	mRaspberry	Live/Dead Red	mCherry	PE-Alexa 610
(561) 670/30 *	FL14	PE-Cy5	7-AAD				mPlum			
(561) 710/50 *	FL15	PE-Cy5.5								
(561) 780/60	FL16	PE-Cy7	PE-Alexa 750	PE-Vio 770						

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Common Fluorochromes

BD FACSCanto II:

(Laser) filter										
(488) 530/30	FL1	FITC	Alexa 488	CFSE	GFP	Zombie Green	CellTracker Green	Live/Dead Green	FixVia eFluor 520	Yo-Pro
(488) 585/45	FL2	PE	PI	Nile Red	DsRED	JC-1	DiOC ₂			
(488) 670-735 *	FL3	PE-Cy5.5	PE-Cy5	PerCP-Cy5.5	PerCP	PerCP-eFluor710	7-AAD			
(488) 780/60	FL4	PE-Cy7	PE-Alexa 750	PE-Vio 770						
(633) 660/20 *	FL5	APC	Alexa 647	eFluor 660	DRAQ 5		DRAQ 7	Live/Dead Far Red	FixVia eFluor 660	
(633) 780/60	FL6	APC-Cy7	APC-H7	Alexa 780	APC-eFluor 780	Zombie Near IR	APC-Vio 770	Live/Dead Near IR	FixVia eFluor780	
(405) 450/50	FL7	Brill Vio 421	V450	Pac Blue	VioBlue	Zombie Violet	CellTrace Violet	Live/Dead Violet	FixVia eFluor 450	DAPI
(405) 510/50	FL8	Brill Vio 510	V500	Krome Orange	VioGreen	Zombie Aqua	CellTracker Violet	Live/Dead Aqua	FixVia eFluor 506	Qdot 525

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Common Fluorochromes

Beckman Coulter/ Dako CyAn ADP:

(Laser) filter										
(488) 530/40	FL1	FITC	Alexa 488	CFSE	GFP	Zombie Green	CellTracker Green	Live/Dead Green	FixVia eFluor 520	Yo-Pro
(488) 575/25 #	FL2	PE	Nile Red	DsRED	JC-1	DiOC ₂				
(488) 613/20 #	FL3	PI	PE-CF594	PE-eFluor 610	PE-TexasRed	PE-Alexa 610	Live/Dead Red			
(488) 680/30 *	FL4	PE-Cy5.5	PE-Cy5	PerCP-Cy5.5	PerCP	PerCP-eFluor710	7-AAD			
(488) 750LP	FL5	PE-Cy7	PE-Alexa 750	PE-Vio 770						
(405) 450/50	FL6	Brill Vio 421	V450	Pac Blue	VioBlue	Zombie Violet	CellTrace Violet	Live/Dead Violet	FixVia eFluor 450	DAPI
(405) 530/40	FL7	Brill Vio 510	V500	Krome Orange	VioGreen	Zombie Aqua	CellTracker Violet	Live/Dead Aqua	FixVia eFluor 506	Qdot 525
(633) 665/20 *	FL8	APC	Alexa 647	eFluor 660	DRAQ 5		DRAQ 7	Live/Dead Far Red	FixVia eFluor 660	
(633) 750LP	FL9	APC-Cy7	APC-H7	Alexa 780	APC-eFluor 780	Zombie Near IR	APC-Vio 770	Live/Dead Near IR	FixVia eFluor780	

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Common Fluorochromes

BD Accuri C6:

(Laser) filter										
(488) 530/30	FL1	FITC	Alexa 488	CFSE	GFP	Zombie Green	CellTracker Green	Live/Dead Green	FixVia eFluor 520	Yo-Pro
(488) 585/40	FL2	PE	PI	Nile Red	DsRED	JC-1	DiOC ₂			
(488) 670LP *	FL3	PE-Cy5.5	PE-Cy5	PerCP-Cy5.5	PerCP	PerCP-eFluor710	7-AAD	PE-Cy7	PE-Alexa 750	PE-Vio 770
(633) 675/25 *	FL4	APC	Alexa 647	eFluor 660	DRAQ 5		DRAQ 7	Live/Dead Far Red	FixVia eFluor 660	

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Common Fluorochromes

BD FACSCalibur II:

(Laser) filter										
(488) 530/30	FL1	FITC	Alexa 488	CFSE	GFP	Zombie Green	CellTracker Green	Live/Dead Green	FixVia eFluor 520	Yo-Pro
(488) 585/42	FL2	PE	PI	Nile Red	DsRED	JC-1	DiOC ₂			
(488) 650LP	FL3	PE-Cy5.5	PE-Cy5	PerCP-Cy5.5	PerCP	PerCP-eFluor710	7-AAD	PE-Cy7	PE-Alexa 750	PE-Vio 770

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