

Fluorochromes table on CyAn ADP LX7

Applications	Fluorochromes	488nm	633nm	Dichroic Mirror	E ^{max} (nm)	Emission Filters	Channels standard installation		
Antibody Phenotyping	FITC	x		545DLP	492	530/40	FL1		
	Alexa 488	x			519	530/40	FL1		
	BODIPY FL	x			512	530/40	FL1		
	Cy3	x			565.615		FL2&FL3		
	PE	x		595DLP	575	575/25	FL2		
	Alexa 546	x		595DLP		575/25	FL2		
	PE Tx Red, ECD	x		640DLP	613	613/20	FL3		
	PE-Alexa 610	x		640DLP	628	613/20	FL3		
	PE-Cy5 (PC5)	x		730DLP	667	680/30	FL4		
	PE-Alexa 647	x		730DLP	668	680/30	FL4		
	PerCP	x		730DLP	675	680/30	FL4		
	PerCP-Cy5.5	x		730DLP	694	695/40	FL4	optical bench Modification necessity	
	PE-Cy5.5	x		730DLP	696	695/40	FL4	optical bench Modification necessity	
	PE-Alexa 700	x			723	695/40	FL4	optical bench Modification necessity	
	PE-Cy7 (PC7)	x		Mirror	767	750LP	FL5		
	PE-Alexa 750	x		Mirror		750LP	FL5		
		Cy5		x	730DLP	667	665/20	FL8	
		APC		x	730DLP	660	665/20	FL8	
		Alexa 633		x	730DLP	648	665/20	FL8	
		Alexa 647		x	730DLP	668	665/20	FL8	
		Alexa 660		x	690DCLP/Mirror	689	665/20	FL9	optical bench Modification necessity
		APC Cy5.5		x	690DCLP/Mirror	694	695/40	FL9	optical bench Modification necessity
		Alexa 680		x	690DCLP/Mirror	700	695/40	FL9	optical bench Modification necessity
		Alexa 700		x	690DCLP/Mirror	723	720/40	FL9	optical bench Modification necessity
		APC Cy7		x	Mirror	767	750LP	FL9	
		APC-Alexa750		x	Mirror	775	750LP	FL9	
		Sav Qdot 525	x			525	530/40	FL1-FL6-FL7	
		Sav Qdot 565	x			565	575/25	FL2-FL6-FL7	
	Sav Qdot 585	x			585	605/20	FL2-FL6-FL7		
	Sav Qdot 605	x			605	613/20	FL3-FL6-FL7		
	Sav Qdot 655	x	x		655	655/20	FL7-FL8		
	Sav Qdot 705	x	x		705	695/40	FL4-FL7-FL8	optical bench Modification necessity	
	Sav Qdot 800	x	x		800	750LP	FL5-FL6-FL7-FL9		

Les cases en grisé représentent des fluorochromes que la plateforme ne possède pas et qui sont mesurables de façon non optimale

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DNA/RNA	SYBR Geen I	x			494		FL1
	YOYO-1	x			509		FL1
	YPRO-1	x			509		FL1
	Tropo-1	x			514		FL1
	PicoGreen	x			523		FL1
	SYTOX Green	x			523		FL1
	Acridine Orange	x			526		FL1
	Thiazole Orange	x			530		FL1
	TOTO-1	x			533		FL1
	Dye-Cycle Green	x					FL1
	LIVE/DEAD Fixable Green Dead Stain	x					FL1
	Pyronin Y	x			570		FL2
	Dye Cycle Orange	x					FL2
	Propidium Iodide	x		640DLP	535,617	613/20	FL3
	LIVE/DEAD Fixable Red Dead Stain	x					FL3-FL4
	Ethidium Bromide	x			610		FL3
	Ethidium Monodimer	x			617		FL3
	Ethidium Monoazide	x			625		FL3
	7-AAD	x		730DLP	647	680/30	FL4
	LDS-751	x			712		FL4
	DRAQ5	x	x		665,78		FL8-FL9
	TOTO-3			x	660		FL8
TO-PRO 3			x	661		FL8	

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Gene Expression	GFP	x			508	510/20	FL1
	YFP	x			534	530/40 - 546/10	FL1-FL2
	DsRed	x		640DLP		613/20	FL3
Calcium Flux, kinetic	Fura Red	x			660		FL4
	Fluo-3, Fluo-4, Fluo-5	x			526		FL1
Membrane integrity	BCEFCF	x			525, 640		FL1
	Calcein	x			517		FL1
	Carboxyfluorescein	x			534		FL1
	Fluorescein diacetate	x			530		FL1
Metabolic burst	2', 7' Dichlorofluorescein	x			532		FL1
Transmembrane potential	DIBAC4	x			516		FL1
	DiOC6	x			501		FL1
	JC-1	x			590		FL1
	Rhodamine 123	x			529		FL1
Cell Proliferation	CFSE	x		545DLP	517	530/40	FL1

optical bench Modification necessity

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