



FLOW CYTOMETRY

ZE5™ Cell Analyzer Reagent Reference Guide

Cell Biology Reagents for Flow Cytometry

ZE5 Excitation Laser	ZE5 Emission Filters	Antibody-Fluorochrome Conjugates	Antibody Labeling	Viability Dyes (fixable)	Viability Dyes (not fixable)	DNA Content/Cell Cycle	Cell Proliferation	Apoptosis
Ultraviolet (355 nm)	387/11							
	447/60		ReadiLink 350/440	VivaFix™ 353/442	PureBlu™ DAPI	PureBlu DAPI PureBlu Hoechst 33342		
	525/50							
	670/30				ReadiDrop™ PI	ReadiDrop PI PureBlu Hoechst 33342		ReadiDrop PI
	700/LP							
Violet (405 nm)	420/10	Alexa Fluor 405 DyLight 405						
	460/22	Pacific Blue	ReadiLink 405/454	VivaFix 410/450	PureBlu DAPI	PureBlu DAPI	CytoTrack™ Blue 403/454	
	525/50		ReadiLink 405/508 ReadiLink 405/537	VivaFix 398/550 VivaFix 408/512				
	615/24							
	670/30							
	720/60							
	750/LP							
Blue (488 nm)	488/10 (SSC)							
	525/35	FITC Alexa Fluor 488 DyLight 488	ReadiLink 492/516 LYNX Rapid Plus DyLight 488 LYNX Rapid Fluorescein	VivaFix 498/521			CytoTrack Green 511/525 CFDA-SE	APO-BrdU Flow Cytometry Kit Annexin V-FITC FAM FLICA Poly Caspase FAM FLICA Caspase-1 FAM FLICA Caspase-2 FAM FLICA Caspase-3/7 FAM FLICA Caspase-6 FAM FLICA Caspase-8 FAM FLICA Caspase-9 FAM FLICA Caspase-10 MitoPT JC-1 (apoptotic) pSIVA Real-Time Kit
	593/52	PE	LYNX Rapid RPE LYNX Rapid Plus Rhodamine LYNX Rapid RPE-Texas Red		ReadiDrop PI	ReadiDrop PI		Annexin V-RPE MitoPT TMRE MitoPT TMRM MitoPT JC-1 (nonapoptotic) ReadiDrop PI
	692/80	PE-Cy5 PE-Cy5.5 PerCP PE-Alexa Fluor 647	LYNX Rapid PerCP LYNX Rapid PerCP-Cy5.5 LYNX Rapid RPE-Cy5 LYNX Rapid RPE-Cy5.5		ReadiDrop 7-AAD	ReadiDrop 7-AAD		
	750/LP	PE-Cy7 PE-Alexa Fluor 750	LYNX Rapid RPE-Cy7					
Yellow (561 nm)	577/15	PE DyLight 550	ReadiLink 555/570 LYNX Rapid Plus Cy3 LYNX Rapid Plus DyLight 550 LYNX Rapid RPE LYNX Rapid Plus Rhodamine	VivaFix 547/573			CytoTrack Yellow 542/556	MitoPT TMRE MitoPT TMRM
	589/15							SR FLICA Poly Caspase SR FLICA Caspase-9
	615/24	Texas Red	ReadiLink 594/610 LYNX Rapid RPE-Texas Red	VivaFix 583/603	ReadiDrop PI	ReadiDrop PI		ReadiDrop PI
	640/20				ReadiDrop 7-AAD	ReadiDrop 7-AAD		
	670/30	PE-Cy5 PE-Alexa Fluor 647	LYNX Rapid RPE-Cy5					
	720/60	PE-Cy5.5	LYNX Rapid RPE-Cy5.5					
	750/LP	PE-Cy7 PE-Alexa Fluor 750	LYNX Rapid RPE-Cy7					
Red (640 nm)	670/30	APC Alexa Fluor 647 Cy5 DyLight 650	ReadiLink 633/655 ReadiLink 647/674 LYNX Rapid APC LYNX Rapid Plus Cy5 LYNX Rapid Plus DyLight 650	VivaFix 649/660			CytoTrack Red 628/643	Annexin V-APC
	720/60	Alexa Fluor 700 DyLight 680	ReadiLink 680/701 ReadiLink 700/713 LYNX Rapid APC-Cy5.5					
	775/50	DyLight 755	LYNX Rapid APC-Cy7					
	800/LP							

These reagents are provided as general information. End users must check compatibility with their systems.

7-AAD, 7-aminoactinomycin D; APC, allophycocyanin; CFDA-SE, 5(6)-carboxyfluorescein diacetate succinimidyl ester; DAPI, 4',6-diamidino-2-phenylindole dihydrochloride; FITC, fluorescein isothiocyanate; JC-1, tetraethylbenzimidazolylcarbocyanine iodide; LP, long pass; PE, phycoerythrin; PerCP, peridinin chlorophyll; PI, propidium iodide; RPE, R-phycoerythrin; SSC, side scatter; TMRE, tetramethylrhodamine ethyl ester; TMRM, tetramethylrhodamine methyl ester.

Visit bio-rad.com/web/FlowCytometry and bio-rad-antibodies.com/web/FlowCytometry for more information.

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