

IntelliCyt® iQue Screener PLUS

Violet-Blue-Red Configuration

MultiCyt reagents are indicated in **Blue**.

Laser Excitation	iQue Screener PLUS Fluorescence Detectors/Filters	Detector	Fluorochromes	Fluorescent Proteins	Viability	Proliferation, Function, and Apoptosis	DNA and Cell Cycle
Violet 405 nm	 445/45	VL1	Horizon BV421	eBFP	Calcein Violet	CellTrace® Violet	DAPI
			Pacific Blue	Azurite	SYTOX Blue	Click-iT Plus EdU-Pacific Blue	FXCycle® Violet
			Alexa Fluor 405	Cerulean	LIVE/DEAD Fixable Violet		Vybrant DyeCycle Violet
	 530/30	VL2	Pacific Green	vGFP	LIVE/DEAD Fixable Aqua		
			Horizon BV510				
	 572/28	VL3	Horizon BV570		LIVE/DEAD Fixable Yellow		
 615/24	VL4	Horizon BV605					
 675/30	VL5	Horizon BV650					
 780/60	VL6	Horizon BV785					
Blue 488 nm	 530/30	BL1	FITC	eGFP	FL1 Cell Membrane Integrity Dye	FL1 Cell Proliferation and Encoder Dye	Vybrant Dye Cycle Green
			Alexa Fluor 488	eYFP	Calcein AM	Caspase 3/7	Click-iT Plus EdU
			Horizon BB515	Emerald	LIVE/DEAD Fixable Green	Micronucleus Induction Assay	Alexa Fluor 488
				mNeon Green	Zombie Green		
	 572/28	BL2	PE		PI	Annexin V	PI
 615/24	BL3	Horizon PE-CF594			QBeads PlexScreen		
			PE/Dazzle® 594			SYTOX Orange	
			PE-Texas Red				
 675/30	BL4	PerCP-Cy5, Cy5.5		7AAD	FL3 Cell Membrane Integrity Dye	Cell Cycle Dye	
			PE-Cy5, Cy5.5	PI		PI	
			eFluor PE-Alexa Fluor 647				
 780/60	BL5	PE-Cy7					
			PE-Vio770				
Red 640 nm	 675/30	RL1	APC		FL4 Cell Membrane Integrity Dye	FL4 Cell Proliferation and Encoder Dye	DRAQ5
			Alexa Fluor 647		FVD eFluor 660	QBeads PlexScreen	Click-iT Plus EdU
			APC-Alexa Fluor 680		LIVE/DEAD Fixable Far Red	QBeads DevScreen SH, sAV	FXCycle Far Red
 780/60	RL2	APC-Alexa Fluor 750		FVD eFluor 780	QBeads PlexScreen	Vybrant DyeCycle Ruby	
			APC-Cy7		LIVE/DEAD Fixable Near IR	QBeads DevScreen SH, sAV	
			APC-Vio770				