

Fluorochrome	Excitation (nm)	Emmission (nm)	Brightness	Accuri C6	Aria (A)	Aria (B)	Astrios (A)	Astrios (B)	Avalon	Calibur	Canto	LSR II (A)	LSR II (B)	LSR II (C)	LSR II (D)	NovoCyt	XDP (A)	XDP (B)	Notes
7-AAD	546	647		●	●														
Alexa Fluor 405	401	421		●	●														
Alexa Fluor 488	499	519		●	●	●	●	●	●	●	●	●	●	●	●	●			
Alexa Fluor 647	652	668		●	●	●	●	●		●	●	●	●	●	●	●			
Alexa Fluor 700	696	719					●	●				●	●	●	●	●			
AmCyan	458	489				●	●	●				●	●	●	●	●			
APC	650	660		●	●	●	●	●		●	●	●	●	●	●	●			
APC-Cy7	640, 755	767			●	●	●	●			●	●	●	●	●	●			
Brilliant Blue 515	490	515		●	●	●	●	●	●	●	●	●	●	●	●	●			
Brilliant UV 395	348	395					?	?					●	●	●				Recommended filter: 379/28
Brilliant UV 496	348	496					●	●					●	●	●				Recommended filter: 515/30 + 450LP
Brilliant UV 737	348	737					●	●					●	●	●				Recommended filter: 740/35 + 690LP
Brilliant Violet 421	405	421				●	●	●					●	●	●	●			
Brilliant Violet 510	325, 405	510				●	●	●				●	●	●	●	●			
Brilliant Violet 570	405	570												●	●	●			
Brilliant Violet 605	405	605												●	●	●			
Brilliant Violet 650	405	650												●	●	●			
Brilliant Violet 711	405	711													●	●			
Brilliant Violet 785	405	785														●			
Cyan Fluorescent Protein (ECFP)	434	477				●	●	●				●	●	●	●	●			
DAPI	345	455				●	●	●				●	●	●	●	●			
DRAQ5	647	681			●	●	●	●		●	●	●	●	●	●	●			
Green Fluorescent Protein (EGFP)	488	507		●	●	●	●	●	●	●	●	●	●	●	●	●			
tdTomato	554	581		●	●	●	●	●	●	●	●	●	●	●	●	●			
Yellow Fluorescent Protein (EYFP)	514	527		●	●	●	●	●	●	●	●	●	●	●	●	●			
FITC	495	519		●	●	●	●	●	●	●	●	●	●	●	●	●			
Indo-1	361/330	490/405											●	●	●				Low/High Ca++
mCherry	587	610				●	●	●							●	●			
Pacific Blue	403	455				●	●	●				●	●	●	●	●			
Pacific Orange	403	551				●	●	●				●	●	●	●	●			
PE-Cy5.5	490, 565	692		●	●	●	●	●	●	●	●	●	●	●	●	●			
PE	490, 565	578		●	●	●	●	●	●	●	●	●	●	●	●	●			
PE-Cy5	490, 565, 650	666		●	●	●	●	●	●	●	●	●	●	●	●	●			
PE-Cy7	490, 565	756		●	●	●	●	●	●	●	●	●	●	●	●	●			
PE-Texas Red	490, 565	613		●	●	●	●	●	●	●	●	●	●	●	●	●			
PerCP-Cy5.5	480, 675	695		●	●	●	●	●	●	●	●	●	●	●	●	●			
PerCP	473	675		●	●	●	●	●	●	●	●	●	●	●	●	●			
Propidium Iodide (PI)	350, 536	617		●	●	●	●	●	●	●	●	●	●	●	●	●			
SYBR Green	497	520		●	●	●	●	●	●	●	●	●	●	●	●	●			
SYTOX Green	504	523		●	●	●	●	●	●	●	●	●	●	●	●	●			
SYTOX Red	640	658		●	●	●	●	●	●	●	●	●	●	●	●	●			
SYTOX Blue	431	480																	
SYTOX Orange	547	570				●	●	●							●				
Qdot 525	300	525				●	●	●				●	●	●	●	●			
Qdot 545	300	545				●	●	●				●	●	●	●	●			
Qdot 565	300	565				●	●	●							●	●			
Qdot 585	300	585														●			
Qdot 605	300	605				●	●	●						●	●	●			
Qdot 625	300	625														●			
Qdot 655	300	655													●	●			
Qdot 705	300	705				●	●	●							●	●			
Qdot 800	300	800														●			
Texas Red	553, 595	615				●	●	●							●	●			
TO-PRO-1	509	533		●	●	●	●	●	●	●	●	●	●	●	●	●			
TO-PRO-3	642	661		●	●	●	●	●	●	●	●	●	●	●	●	●			
TOTO-1	509	533		●	●	●	●	●	●	●	●	●	●	●	●	●			
TOTO-3	642	661		●	●	●	●	●	●	●	●	●	●	●	●	●			
YO-PRO-1	491	509		●	●	●	●	●	●	●	●	●	●	●	●	●			
YO-PRO-3	611	628																	
YOYO-1	491	509		●	●	●	●	●	●	●	●	●	●	●	●	●			
YOYO-3	611	628																	