

## 5-Color FACScan Fluorochrome Guide

Assay/Probe	488nm Argon Laser (primary)			637nm Red Diode Laser	
	FL1 (530/30nm)	FL2 (585/42 nm)	FL3 (>668 nm)	FL4 (666/27 nm)	FL5 (>740 nm)
Fluorescent Antibody Labels	FITC Cy2 Alexa 488 Qdot-525 EdU Alexa 488	R-PE PE-Texas Red Cy3 Qdot-565 Qdot-585 Alexa 546	PE-Cy5 PE-Cy5.5 PE-Cy7 PE-Alexa 700 PE-Alexa 750 PerCP PerCP Cy5.5 Qdot-705 Qdot-800	APC Cy5 Alexa 647 APC-Cy5.5 Qdot-655 EdU Alexa 647	APC-Cy7 APC-Alexa 750 Qdot-800
DNA-Selective dyes	Acridine Orange DyeCycle green	DyeCycle orange	7-AAD DRAQ5	DRAQ5	
Non-selective Nucleic Acid dyes	TO-PRO-1 YO-PRO-1 Sytox green	Pyronin Y PI	AO PI	TO-PRO-3 Sytox-Red	
Reporter Proteins	EGFP EYFP	dsRED			
Membrane Potential	JC-1 Rhodamine 123 DiI <sub>C<sub>n</sub></sub> (3) DiOC <sub>n</sub> (3)	JC-1		DiI <sub>C<sub>n</sub></sub> (5)	
Cell Tracking	Calcein PKH2 CFSE	PKH26		CellTrace Far Red	
pH Probes	BCECF	SNARF-1 BCECF pHrodo dye	SNARF-1		
Ca <sup>++</sup> Probes	Fluo-3 Fluo-4	Fura Red	Fura Red		
Enzyme Substrates	Fluorescein Rhodamine 110	Resorufin			