

Beckman-Coulter Elite XL 4-color Cytometer

Fluorochromes that can be used with standard filter set

Laser
488nm ArgonPower
15 mwManufacturer
Uniphase

Dye	Laser	Max excitation	Channel	Max emission	Comment
Fluorescein	Argon (488)	494	FL1 (505-545)	518	PH dependent
CFDA-SE (CFSE)	Argon (488)	494	FL1 (505-545)	518	Cell tracking, proliferation
RHODAMINE 123	Argon (488)	507	FL1 (505-545)	529	P-gp substrate, mitochondrial dye
Phi Phi Lux G1-D1	Argon (488)	505	FL1 (505-545)	530	Caspase 3 substrate
eGFP	Argon (488)	489	FL1 (505-545)	508	
eYFP	Argon (488)	514	FL1 (510-550)	527	
Alexa 488	Argon (488)	495	FL1 (505-545)	519	
PKH2	Argon (488)	490	FL1 (505-545)	504	Tracking dye
Cy2	Argon (488)	489	FL1 (505-545)	506	
PE	Argon (488)	496	FL2 (560-590)	578	
DsRFP	Argon (488)	558	FL2 (562-588)	583	
Cell Tracker Orange (CMTMR)	Argon (488)	541	FL2 (560-590)	565	Tracking dye
PKH26	Argon (488)	551	FL2 (560-590)	567	Tracking dye
Propidium iodide	Argon (488)	536	FL2 (560-590) FL3 (605-635) FL4 (660-700)	617	Viability dye, DNA stain
PE-Texas Red (ECD)	Argon (488)	496	FL3 (605-635)	615	
PerCp	Argon (488)	480	FL4 (660-700)	677	
PE-Cy5	Argon (488)	496	FL4 (660-700)	667	
PE-Cy5.5	Argon (488)	496	FL4 (660-700)	692	
7-Aminoactinomycin D (7-AAD)	Argon (488)	546	FL3 (605-635) FL4 (660-700)	647	Viability dye, DNA stain