

Filter Selection Chart

	UVP Excitation Filters for Biolite						UVP Darkroom Emission Filters								
UVP P/N →38-0xxx-0x (Auto BioLite)	0358-04	0340-04	0344-04	0341-04	0359-04	0360-04	0361-01	0352-01	0340-01	0344-01	0220-01	0341-01	0339-01	0362-01	
UVP P/N →38-0xxx-0x (Man BioLite)	0358-03	0340-03	0344-03	0341-03	0359-03	0360-03									
Wavelength→	450sp*	455-495	502-547	533-587	600-645	687-748	465-495	503-523	513-557	565-625	580-630	607-682	668-722	767-807	
	NA	475	525	560	630	715	480	513	535	595	605	645	695	787	
Alexa Fluor® 488		X							X						
Alexa Fluor® 546			X							X					
Alexa Fluor® 555			X							X					
Alexa Fluor® 568				X								X			
Alexa Fluor® 594				X								X			
Alexa Fluor® 633					X								X		
Alexa Fluor® 647					X								X		
Alexa Fluor® 750						X								X	
CFP (mice)	X						X								
Cy2®		X							X						
Cy3®			X							X					
Cy5®					X								X		
Cy7®						X								X	
Deep Purple			X								X				
EtBromide DNA			X								X				
Fluo, FITC, FAM		X							X						
GFP (gels, blots, plants)		X							X						
GFP (mice)		X						X							
Oregon Green 488®		X							X						
Propidium Iodide			X									X			
Qdot™ 525	Excited by UV source (not BioLite)								X						
Qdot™ 655	Excited by UV source (not BioLite)											X			
RFP			X								X				
Rhodamine Green, 110		X							X						
Rhodamine Red, 6G, B				X								X			
SYBR® Green		X							X						
SYBR® Gold		X							X						
SYBR® Safe		X							X						
SYPRO® Orange		X								X					
SYPRO® Red				X								X			
SYPRO® Ruby	X									X					
SYPRO® Tangerine		X										X			
Texas Red®				X								X			
YFP		X							X						

* 450 short pass filter. Can accommodate wavelengths 380-450 based on BioLite energy emission