				UVP Darkroom Emission Filters											
			Part Number	38-0361-01	38-0352-01	38-0340-01	38-0344-01	38-0220-01	38-0220-03	38-0341-01	38-0339-01	38-0369-01	38-0362-01	38-0365-01	38-0368-01
			Wavelength	465-495	503-523	513-557	565-625	580-630	580-630	607-682	668-722	700-740	767-807	780lp**	800lp***
	Part Number (Auto BioLite)	Part Number (Manual BioLite)	Wavelength	Peak nm	480	513	535	595	605	605	645	695	720	787	NA	NA
UVP Excitation Filters for BioLite	38-0358-04	38-0358-03	450sp*	NA	CFP (mice)			SYPRO® Ruby								
	38-0340-04	38-0340-03	455-495	475		GFP (mice)	Alexa Fluor® 488, CF™488A, Cy2®, Fluo, FITC, FAM, GFP (gels, blots, plants), Oregon Green 488®, Rhodamine Green, 110, SYBR® Green, Gold, Safe, YFP, MultiFluor Blue, DyLight 488	SYPRO® Orange			SYPRO® Tangerine					
	38-0344-04	38-0344-03	502-547	525				Alexa Fluor® 546, 555, CF™543, 555, Cy3®, MultiFluor Green, DyLight 550	Ethidium Bromide ONLY (if others, see next column)	Ethidium Bromide, Deep Purple, RFP	Propidium Iodide					
	38-0341-04	38-0341-03	533-587	560							Alexa Fluor® 568, 594, CF™568, 594, 620R, Rhodamine Red, 6G, B, SYPRO® Red, Texas Red®	RedDot™1, RedDot™2				
	38-0359-04	38-0359-03	600-645	630								Alexa Fluor® 633, 647, CF™633, 640R, 647, 660C, 660R, Cy5® & 5.5, MultiFluor Red, DyLight 633, 650, 680/680B, Alexa Fluor 680, RedDot™1, RedDot™2	IRDye® 680, CF™ 680, RedDot™1, RedDot™2			
	38-0360-04	38-0360-03	687-748	715										Alexa Fluor® 750, CF™750, Cy7®, RedDot™1, RedDot™2	Alexa Fluor® 750, CF™750	
	38-0371-04	38-0371-03	700-740	720										CF™750	CF™750	Multiplexing IRDye® 680 & 800 or CF™ 680 & 770 (See Below)
	38-0370-04	38-0370-03	750-780	765												IRDye® 800, CF™ 770, 790
	Excited by UV Source (not BioLite)						Qdot™ 525				Qdot™ 655					

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

** 780 long pass filter. Can accommodate wavelengths above 780nm

*** 800 long pass filter. Can accommodate wavelengths above 800nm

MULTIPLEXING
To view IRDye® 680 and IRDye® 800 samples simultaneously, use excitation filter 38-0371-04 or 38-0371-03 and emission filter 38-0368-01
To view CF™ 680 and CF™ 770 samples simultaneously, use excitation filter 38-0371-04 or 38-0371-03 and emission filter 38-0368-01

FILTER SELECTION CHART

UVP®

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