



Pathway Bioimager - Standard Filters and Wheel Positions

	Excitation A	Excitation B	Excitation Dichroic	Epifluorescence "Emission" Dichroic	Emission	Notes
Filter Wheel Position	Description	Description	Description	Description	Description	Description
1	D470/40	D340X (334)	100% mirror	Fura/FITC (72100bs, from Chroma 72000 Set)	Fura/FITC (HQ540/50m, from Chroma 72000 Set)	
2	488/10	HQ548/20	370DCLP	Fura/TRITC (73100bs from Chroma 73000 Set)	Fura/TRITC (73101m, from Chroma 73000 Set)	
3	S555/28	D460/10	open	400 DCLP	435LP	
4	D340X (334)	HQ560/55	50%A /10%B **	595LP	515LP	** Neutral density filters; % denotes transmission from Lamp A / B
5	D380/10ND*	S635/20	10%A / 40%B **	84000 (84000bs, from Chroma 84000 Set)	520/35	* ND denotes neutral density
6	360/10	488/10			570LP	
7	380/10	open			HQ645/75	
8	Open	open			84101	

Notes: Filters are denoted by their center wavelength and band-width (e.g. 470/40 = center wavelength = 470 nm, band-width= 40 nm (i.e. ± 20 nm)); see also www.Chroma.com for spectral curves and additional filter information