

Materials List for:

Detecting Anastasis *In Vivo* by CaspaseTracker Biosensor

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Materials

Name	Company	Catalog Number	Comments
CONSUMABLES AND REAGENTS			
Vectashield mounting medium	Vector Products	H-1000	Antifade mounting medium
Vectashield mounting medium (with DAPI)	Vector Products	H-1200	Antifade mounting medium with DAPI
Forceps	Ted Pella	#505 (110mm, #5)	Dumont tweezer biology grade, stainless steel
Hanging Drop Slides	Fisher Scientific	12-565B	Glass slides
Hoechst 33342	Molecular Probes	H1399	DNA stain
Mitotracker Red CMXRos	Molecular Probes	M-7512	Mitochondria stain
Cleaved caspase-3 (Asp175) antibody	Cell Signaling Technology	#9661	Stain for active fragment of caspase-3
Bovine Serum Albumin (BAS)	Sigma-Aldrich	A8806	Blocking agent for immunostaining
Phosphate Buffered Saline	VWR	114-056-101	Medium for washing and immunostaining
Triton™ X-100	Sigma-Aldrich	T8787	Detergent for cell permeabilization
Equipment			
EQUIPMENT			
LSM780 confocal microscope	Carl Zeiss	N/A	Imaging
Carl Zeiss Stereomicroscope Stemi 2000	Carl Zeiss	N/A	Drosophila dissection
AmScope Fiber Optic Dual Gooseneck Microscope Illuminator, 150W	AmScope	WBM99316	Light source