

Materials List for:

Imaging Denatured Collagen Strands *In vivo* and *Ex vivo* via Photo-triggered Hybridization of Caged Collagen Mimetic Peptides

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Materials

Name	Company	Catalog Number	Comments
IRDye 680RD Maleimide (IR680)	LI-COR	929-71050	Used for CMP labeling, protocol presented elsewhere ¹ .
5(6)-Carboxyfluorescein	Sigma	21877-5G-F	Used for CMP labeling, protocol presented elsewhere ¹² .
Cysteine	Advanced Chemtech	YC2200	
Isoflurane	Butler Veterinary Supply	4/4/5260	
Goat Serum	Sigma	G9023-10ML	
Albumin from bovine serum (BSA)	Sigma	A9647	
DAPI	Roche Applied Science	10236276001	
Fluoroshield mounting medium	Sigma	F6182-20ML	
Syringes	BD	329461	
UV lamp	McMaster-Carr	1447T17	
Pearl impulse imager	LI-COR	9400	
Surgical forceps and scissors			
EasyDip slide staining system	Light Labs	M900-12B	
20-place cardboard microscope slide tray	Light Labs		
Cover glasses	Fisher	12-545-c	
Fluorescence Microscope	Nikon	Eclipse TE2000-E	