

Materials List for:

A Chitosan Based, Laser Activated Thin Film Surgical Adhesive, 'SurgiLux': Preparation and Demonstration

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URL: <https://www.jove.com/video/3527>

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Materials

Name	Company	Catalog Number	Comments
Chitosan	Sigma-Aldrich	448877	
Indocyanine Green	Sigma-Aldrich	I2633	Also known as Cardiogreen
Acetic acid	Sigma-Aldrich	320099	
Infra-red diode laser with fiber delivery. (808 nm, 120 mW, Beam core 200 µm)	CNI Lasers	Fc-808	Variable system up to 5 W power
Laser safety glasses	CNI Lasers	LS-G	
Tensile testing apparatus	Instron Pty Ltd	5542	50 N load cell