

Materials List for:

A Novel Technique for Generating and Observing Chemiluminescence in a Biological Setting

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Materials

Name	Company	Catalog Number	Comments
Wood part A (12.5 × 2.5 × 1.8 cm)	Woodcraft	131404	Cut from a 3/4" x 24" x 30" birch plywood sheet
Wood part B (12.7 × 10.7 × 1.8 cm)	Woodcraft	131404	Cut from a 3/4" x 24" x 30" birch plywood sheet
Wood part C (11 × 2.5 × 1.8 cm)	Woodcraft	131404	Cut from a 3/4" x 24" x 30" birch plywood sheet
Screws (4 × 25 mm)	Screwfix	79939	
Harmon Face Values 3 oz mini sprayer	Bed, Bath and Beyond		
stainless steel rod (10 cm of 1/16" steel)	Metals Depot Int. Inc.	2192	
Pencil Classic HB	Papermate	58592	
Paper clip	Office Depot	221720	
speaker cable	RCA Inc.	AH1650SN	
Energizer 9V alkaline battery	Energizer Holdings Inc.	EN22	
Hitec HS-82MG Micro Servo Motor, 3.4 kg/cm output torque @ 6V	Hitec RCD USA Inc.	32082S	
Name	Company	Catalog Number	Comments
28 cm plastic cable ties	General Electric Inc.	50725	
Duct tape	3M Inc.	3939	
littleBits w1 wire	littleBits Inc.	w1 wire	
littleBits p1 power	littleBits Inc.	p1 power	
littleBits i2 toggle switch	littleBits Inc.	i2 toggle switch	
littleBits 011 servo	littleBits Inc.	011 servo	
20 cm plastic covered wire twist ties	Four Star Plastics	71TIE8000	
Tris(2,2'-bipyridyl)dichlororuthenium(II) hexahydrate	Sigma-Aldrich Inc.	224758	
Ammonium cerium(IV) nitrate	Sigma-Aldrich Inc.	22249	
Isofluorane	Baxter Healthcare	1001936060	
PBS	Sigma-Aldrich	PBS1	
Ethanol	Sigma-Aldrich	2854	

Triethylamine	Sigma-Aldrich Inc.	T0886	
Water			Water was purified using a Milipore Mili-Q ($R \geq 18 \text{ M}\Omega$)
Female nude (outbred) mice	Jackson Laboratories	1929	age 5 - 6 weeks
Strain C57BL/6J			
NU/J male mice at	Jackson Laboratories	2019	age 6 – 8 weeks
IVIS 200 bioluminescence reader	Caliper Live Science		
Live Image 4.2 software	Perkin-Elmer	128165	
Microscope slides	ThermoScientific	4951PLUS4	