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Materials List for

Inactivation of Pathogens *via* Visible-Light Photolysis of Riboflavin-5′-Phosphate

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Materials

Name	Company	Catalog Number	Comments
Blue, green and red LED lights	Vita LED Technologies Co., Tainan, Taiwan		DC 12 V 5050
Dimethyl Sulfoxide	Sigma-Aldrich, St. Louis, MO	190186	
Infrared thermometer	Raytek Co. Santa Cruz, CA	MT4	
LB broth	Difco Co., NJ		
L-Methionine	Sigma-Aldrich, St. Louis, MO	1.05707	
NBT	Bio Basic, Inc. Markham, Ontario, Canada		
Power supply	China tech Co., New Taipei City, Taiwan	YP30-3-2	
Riboflavin 5′-phosphate	Sigma-Aldrich, St. Louis, MO	R7774	
RNase	New England BioLabs, Inc. Ipswich, MA		
Solar power meter	Tenmars Electronics Co., Taipei, Taiwan	TM-207	
Staphylococcus aureus subsp. aureus	Bioresource Collection and Research Center (BCRC), Hsinchu, Taiwan	10451	
UV-Vis optical spectrometer	Ocean Optics, Dunedin, FL	USB4000	
UV-Vis spectrophotometer	Hitachi High-Tech Science Corporation,Tokyo, Japan	U-2900	
Violet LED	Long-hui Electronic Co., LTD, Dongguan, China		