

Materials List for:

An *In Vitro* Model to Study the Effect of 5-Aminolevulinic Acid-mediated Photodynamic Therapy on *Staphylococcus aureus* Biofilm

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Materials

Name	Company	Catalog Number	Comments
Tryptone Soya Broth (TSB)	OXOID	CM0129B	
Tryptone Soya Agar (TSA)	OXOID	CM0131	
SYTO9	Thermo Fisher Scientific	L7012	The LIVE/DEAD BacLight Bacterial Viability Kits
Propidium iodide (PI)	Thermo Fisher Scientific	L7012	The LIVE/DEAD BacLight Bacterial Viability Kits
Pancreatin	Sigma-Aldrich	P3292	
5-aminolevulinic acid (ALA)	Fudan Zhangjiang Bio-Pharm	3.1	
<i>Staphylococcus aureus</i> strain USA300	/	/	The source of USA 300 references "Tenover FC, Goering RV. J Antimicrob Chemother. 2009 Sep; 64(3):441-6".
<i>Staphylococcus aureus</i> clinical strains (C1-C3)	/	/	All clinical strains were isolated from patients with chronic rhinosinusitis in the Department of Otorhinolaryngology-Head and Neck Surgery, Eye and ENT Hospital of Fudan University [Zhang QZ, Zhao KQ, Wu Y, et al. PLoS One. 2017 Mar; 12(3): e0174627].
96-well microplate	Corning Inc	3599	Clear Flat Bottom Polystyrene TC-Treated Microplates, Individually Wrapped, with Lid, Sterile
Fluorodish	NEST Biotechnology	801001	Glass bottom, Non-pyrogenic
Eppendorf Safe-Lock Tubes, 1.5 mL	Eppendorf	0030120086	
Eppendorf microcentrifuge 5417	Eppendorf	Z365998 SIGMA	
Incubator	Thermo Fisher Scientific	SHKE4000	MaxQ 4000 Benchtop Orbital Shakers
Light emitting diode (LED)	Wuhan Yage Optic and Electronic Technique CO	LED-IB	
Leica TCS SP8 confocal laser-scanning microscope	Leica Microsystems		
Leica LAS AF software	Leica Microsystems		
IMARIS software	Bitplane		