

Materials List for:

Investigating the Detrimental Effects of Low Pressure Plasma Sterilization on the Survival of *Bacillus subtilis* Spores Using Live Cell Microscopy

Felix M. Fuchs¹, Marina Raguse^{1,2,3}, Marcel Fiebrandt², Kazimierz Madela⁴, Peter Awakowicz², Michael Laue⁴, Katharina Stapelmann³, Ralf Moeller¹

¹Department of Radiation Biology, Institute of Aerospace Medicine, Space Microbiology Research Group, German Aerospace Center (DLR e.V.)

²Institute of Electrical Engineering and Plasma Technology, Faculty of Electrical Engineering and Information Technology, Ruhr-University Bochum

³Institute of Electrical Engineering and Plasma Technology, Faculty of Electrical Engineering and Information Technology, Biomedical Applications of Plasma Technology, Ruhr-University Bochum

⁴Advanced Light and Electron Microscopy (ZBS 4), Robert Koch Institute

Correspondence to: Ralf Moeller at Ralf.Moeller@dlr.de

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Materials

Name	Company	Catalog Number	Comments
Two substance nozzle (model 970-8)	Schlick	14,404	230 V, 50 Hz, D 4.484/8, 0.8 mm bore diameter
Luria Bertani Medium	Sigma Aldrich	70122-100G	
Tube connectors	Festo	n/a	G 1/8
Magnetvalve DO35-3/2NC-G018-230AC	Bosch Rexroth	820005100	
PLN Polyamid tube	Festo	558206	d = 6 mm
Glass slides	VWR	48300-026	
Electric Timer 550-2-C	Gefran	F000074	220 V
atoffluor cell chamber	Menzel, Fisher Ref.	3406816	d=25 mm, round
MgSO ₄ *7 H ₂ O	Sigma Aldrich	13152	
Ca(NO ₃) ₂	Sigma Aldrich	202967	
MnCl ₂ * 4 H ₂ O	Sigma Aldrich	244589	
FeSO ₄ * 7H ₂ O	AppliChem	13446-34-9	
Glucose	Merck	215422	
KCl	Sigma Aldrich	P9541-500G	
Nutrient Broth (NB)	Merck	105443	
Luria-Bertani (LB)	Merck	110283	
96-wellplate	ThermoFisher	243656	
Zeiss LSM 780, Axio Observer Z1	Carl Zeiss Microscopy GmbH	n/a	
Leo 1530 Gemini	Carl Zeiss Microscopy GmbH	n/a	
ZEN 2 and ZEN lite 2012 (Software)	Carl Zeiss Microscopy GmbH	n/a	
SigmaPlot, version 13.0 (Statistic software)	Systat GmbH, Erkrath, Germany	n/a	
Attofluor cell chamber	Invitrogen	A7816	
μ-Dish 35 mm, high Grid-500 Glass Bottom	ibidi	81168	