

Materials List for

# Preparation of Sample Support Films in Transmission Electron Microscopy using a Support Floatation Block

Natàlia de Martín Garrido<sup>1</sup>, Kailash Ramlal<sup>1</sup>, Christopher H. S. Aylett<sup>1</sup>

<sup>1</sup>Section of Structural & Synthetic Biology, Department of Infectious Diseases, Faculty of Medicine, Imperial College London, South Kensington Campus

## Corresponding Author

Christopher H. S. Aylett  
c.aylett@imperial.ac.uk

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## Materials

Name	Company	Catalog Number	Comments
Basic Plasma Cleaner (230 V)	Harrick Plasma	PDC-32G-2	
Dumont tweezers N5A INOX.	Dumont Swissmade	0302-N5A-PO	
Dumont tweezers NGG INOX.	Dumont Swissmade	0102-NGG-PO	
Ehtylacetate	Sigma-Aldrich	270989-250ML	
Fishing Loops 10 µL	VWR	612-9353	
Graphene Oxide 2 mg/mL	Sigma-Aldrich	763705-25ML	
Iron (III) chloride	Sigma-Aldrich	31232-250MG	
Mica Sheets 75 mm x 25 mm x 0.15 mm	Agar Scientific	AGG250-1	We usually coat mica with a target carbon film thickness of 2 nm
Monolayer Graphene on Cu	Graphenea	N/A	10 mm x 10 mm, pack of 4
n-dodecyl β-D-maltoside (DDM)	GLYCON Biochemicals GmbH	D97002-C	
Quantifoil R1.2/1.3 300 mesh copper grids	Enzo Life Sciences	JBS-X-101-Cu300	
Quantifoil R2/1 300 mesh copper grids	Enzo Life Sciences	JBS-X-102-Cu300	
Quantifoil R2/1 300 mesh gold grids	Electron Microscopy Sciences	Q350AR1	
Scissors	Agar Scientific	AGT577	
Uranyl Acetate	TAAB Laboratories Equipment	U001	
Vitrobot Mark IV	FEI	N/A	
Whatman filter paper 55 mm	GE Healthcare Life Sciences	1441-055	
Whatman filter paper 70 mm	GE Healthcare Life Sciences	1441-070	