

Materials List for:

# Sample Preparation for Single Virion Atomic Force Microscopy and Super-resolution Fluorescence Imaging

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## Materials

Name	Company	Catalog Number	Comments
Glass coverslips (fPALM)	Electron Microscopy Services	72225-01	25 mm Coverslips
PLL(20)-g[3.5]-PEG(2)/PEG(3.4)-Biotin (20%)	SuSoS	-	Stock: 0.5 mg/ml in PBS
NeutrAvidin biotin-binding protein	Invitrogen	A2666	Stock: 0.25 mg/ml in PBS
Alexa Fluor 647 goat anti-rabbit IgG (H+L)	Invitrogen	A21245	1:200 in 0.2 M KPO <sub>4</sub> , 0.15 M NaCl, 10% Glycol, pH 7.2 buffer
α-VSV-G	Invitrogen	ab34774	1:200 in 0.2 M KPO <sub>4</sub> , 0.15 M NaCl, 10% Glycol, pH 7.2 buffer
Gluox	Sigma	G2133-250KU	Glucose oxidase type seven from Aspergillus
Catalase	Sigma	C40-100mg	Catalase from Bovine liver
MEA	Sigma	30070-10G	Cysteamine (MEA)
Stock Buffer			50 mM Tris-HCl (pH 8.0) + 10 mM NaCl + 10% glucose
NTE			10 mM Tris pH 7.4, 100 mM NaCl, 66 mM EDTA
Slide-A-Lyzer, mini dialysis unit	Thermo Scientific		10,000 MW
Microscope Cover Glass: 35 CIRCLE #1	Fisherbrand	35 CIRCLE #1	