

Materials List for:

Automated System for Single Molecule Fluorescence Measurements of Surface-immobilized Biomolecules

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Materials

Name	Company	Catalog Number	Comments
Fused silica capillary tubing	Polymicro Technologies	TSP150375	
Fused silica cover slip	Esco Products	R425000	
Tubing	Diba Industries		
Biotinylated BSA	Sigma-Aldrich	A8549	
BSA	Sigma-Aldrich	A9085	
Streptavidin	Thermo Fisher Scientific, Inc.	0021122	
Sylgard 184 Elastomer Kit	Dow Corning	3097366-1004	Silicone Elastomer Kit
Trolox	Aldrich	238813	
Catalase	Sigma-Aldrich	C3155	
Glucose Oxidase	Sigma-Aldrich	G2133	
D-Glucose	Sigma-Aldrich	G7528	
Kwik-Cast Sealant	World Precision Instruments, Inc.	Kwik-Cast	Silicone Casting Compound