

Materials List for:

Surface Spreading and Immunostaining of Yeast Chromosomes

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URL: <https://www.jove.com/video/53081>

DOI: [doi:10.3791/53081](https://doi.org/10.3791/53081)

Materials

Name	Company	Catalog Number	Comments
Zymolyase	US Biological	Z1004	Prepare 20 mg/mL solution in 50 mM Tris pH 7.5 supplemented with 2% glucose. Prepare fresh each experiment and store at 4°C until ready for use.
LipsoI	L.I.P. Ltd	no longer commercially available	Prepare 1% (v/v) solution in water. Store on ice.
NP-40	USB	19628	Prepare 1% (v/v) solution in water. Store on ice.
Tween 20	Sigma	P2287	
Slides	Corning	2948-75x25	
Standard coverslip	Fisher	12-544-E or 12-540-B	
High resolution coverslips	Fisher	12-542-B	
Photo-Flo 200 solution	Kodak	P-7417	Prepare 0.2% (v/v) solution in water.
TBS			137 mM NaCl, 2.7 mM KCl, 24.7 mM Tris, pH 8
BSA	Sigma	A2153	Prepare a 1% (w/v) solution in TBS. Store at 4°C for up to a month.
Primary antibody			
Alexa Fluor 488 Donkey Anti-Rabbit	Invitrogen	A-21206	
IgG (H+L) Antibody			
Vectashield mounting media with DAPI	Vector Laboratories	H-1200	
ProLong Gold	Invitrogen	P36930	
Plastic slide box	Fisher	03-448-1	Store slides containing dried spreads in slots at -20°C. Also, use as a wet chamber.
Cardboard slide box	Fisher	12-587-10	Use to conveniently transport stained/sealed slides or store at 4°C.
Coplin jar	Fisher	08-816	Use as a wash basin for slides.