

Materials List for:

Continuous High-resolution Microscopic Observation of Replicative Aging in Budding Yeast

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Materials

Name	Company	Catalog Number	Comments
REAGENTS			
DC Sylgard 184 elastomer	Mavom bv	1060040	This package contains PDMS base and PDMS curing agent.
Glass petri dishes 120/20 mm	VWR International	391-2850	
Cover glasses 22x40 mm	CBN Labsuppliers BV	190002240	
Tough-Tags	Sigma-Aldrich	Z359106	
Aluminum foil			
Plastic disposable cup			
Serological pipette 5 ml	VWR International	612-1245	
Scotch tape	VWR International	819-1460	
Baysilone paste (GE Bayer silicones)	Sigma-Aldrich	85403-1EA	
PTFE microbore tubing, 0.012"ID x 0.030"OD	Cole Parmer	EW-06417-11	Referred to as thin tubing
Tygon microbore Tubing, 0.030"ID x 0.090"OD	Cole Parmer	EW-06418-03	Referred to as thick tubing
Scalpel	VWR International	233-5334	
50 ml Luer-Lok syringes	BD	300137	
5 ml syringes, Luer tip	VWR International	613-1599	
Tweezers	VWR International	232-2132	
20 Gauge Luer stubs	Instech Solomon	LS20	
Syringe filters (pore size 0.20 µm)	Sigma-Aldrich	16534K	
Stainless steel catheter Plug, 20 ga x12 mm	Instech Solomon	SP20/12	
Petri dishes	VWR International	391-0892	
EQUIPMENT			
Benchtop UV-Ozone Cleaner	NOVA Scan	PSD-UVT	
Harvard Pump 11 Elite	Harvard Apparatus	70-4505	
SU-8 silicon master mold (wafer)			Self-made; For details contact corresponding author
Balance	Sartorius corporation	ED4202S	
Vacuum pump	KNF Neuberger	N022 AN.18	
Desiccator	VWR International	467-2115	

Hot plate	VWR International	460-3267	
Optional: Metal holder for cover glass (22x40 mm)			Self-made; For details contact corresponding author
(Fluorescence) Microscope with 60x objective, autofocus, time-lapse abilities and preferably an automated (motorized XY control) stage	Nikon	Eclipse Ti-E	