

Materials List for

High-Throughput Behavioral Aging and Lifespan Assays Using the Lifespan Machine

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Materials

Name	Company	Catalog Number	Comments
1-Naphtaleneacetic acid (Auxin)	Sigma	N0640	Solubilize Auxin in 1M potassium hydroxide and add into molten agar
5-fluoro-2-deoxyuridine (FUDR)	Sigma	F0503	27.5 µg/mL of FUDR was used to eliminate progeny from populations on UV-inactivated bacteria
Glass cleaner	Kristal-M	QB-KRISTAL-M125ml	
Hydrophobic anti-fog glass treatment	Rain-X Scheibenreiniger	C. 059140	
Rubber matt	Local craftman		Cut on a high-strength EPDM rubber sheet stock
Scanner glass	Local hardware supplier		9" x 11.5" inch glass sheet
Scanner plates	Life Sciences	351006	50 mm x 9 mm, polystyrene petri dish
USB Reference Thermometer	USB Brando	ULIFE055500	For calibrating temperature of scanners