

Materials List for:

Collection of Post-Mating Semen from the Female Reproductive Tract and Measurement of Semen Liquefaction in Mice

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Materials

Name	Company	Catalog Number	Comments
Toothpick	Diamond	750-Flat	Autoclaved sterile, use blunted toothpick. Do not use point-ended
Dissecting scissors	Fisher	08-940	
Spring scissors	Roboz	RS-5600	
Fine forceps	Roboz	RS-5045	
25- μ L glass capillary tube	VWR	53432-761	
Leibovitz's L-15 media	Life Technologies	11415064	Supplement with 1% FBS
Fetal bovine serum (FBS)	Gemini Bio-Products	100-106	
1.5-mL microcentrifuge tube	Axygen	MCT-150-C	
2-mL microcentrifuge tube	Axygen	MCT-200-A	
Digital dry block heater	VWR	13259-052	For warming the microcentrifuge tube prior to semen collection
Minicentrifuge	Corning	LSE 6765	
35-mm culture dish	VWR	10861-656	
15-mL polypropylene centrifuge tube	VWR	10025-686	
Waterbath	Precision	TSGP05	
Heated stage stereomicroscope	Leica Microsystems	MZ10F	To keep the tissue warm prior to semen collection
Brightfield microscope	Leica Microsystems	DMI8	Optional. For video imaging of the sperm motility
Camera	Leica Microsystems	DMC2900	Optional. For video imaging of the sperm motility
Glass slides	Fisher	12-552-3	Optional. For video imaging of the sperm motility
Coverslip	VWR	48393-059	Optional. For video imaging of the sperm motility
Bleach			Dilute in dH ₂ O to 10% concentration