

Materials List for:

Nuclear Transfer into Mouse Oocytes

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Materials

Name	Company	Catalog Number	Comments
Cytochalasin B	Sigma-Aldrich		100x stock = 500 µg/ml Cytochalasin B in DMSO. Store at -20 °C.
Strontium Chloride			10x stock = 100 mM SrCl ₂ in H ₂ O. Store at room temperature.
MCZB Stock Salts			Filter sterilize 500 ml master salts (good for 3-4 months; store at 4 °C)
HCZB Stock Salts			Start with 500 ml master salts. Add 50 mg PVA. Stir for 30-60 min and sterile filter (good for 3 months; store at 4 °C).
PVA	Sigma-Aldrich	P-8136	cold-soluble
HCZB with 11% w/v PVP			Start with 20 ml HCZB medium in a 50 ml conical tube. Place 22 g PVP on top of liquid. Close tube and store undisturbed at 4 °C for 72 – 96 hr, at which time the PVP will have entered solution. Filter sterilize through an 8 mm filter and store at 4 °C.
PVP	ICN Biomedicals		MW 360,000

Please check for additional buffers compositions in the Protocol part.