

Materials List for

Mouse Round Spermatid Injection

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Materials

Name	Company	Catalog Number	Comments
CaCl ₂ ·2H ₂ O	Sigma	C7902	Preparation of CZB
Glucose	Sigma	G6152	Preparation of CZB
HEPES-Na (basic)	Sigma	H3784	Preparation of CZB
Hoechst 33342	Beyotime	C1025	FACS
human chorionic gonadotropin (HCG)	Ningbo Second Hormone Company	HCG	Ovulation promoting drugs
Hyaluronidase	Sigma	H3506	Removing granulosa cells around the oocyte
KCl	Sigma	P5405	Preparation of CZB
KH ₂ PO ₄	Sigma	P5655	Preparation of CZB
KSOMaa	Caisson Labs	IVL04-100ML	Potassium simplex optimized medium supplemented with amino acids
L-glutamine	Sigma	G8540	Preparation of CZB
M2	Sigma	M7167-50ML	Operating fluid
MgSO ₄ ·7H ₂ O	Sigma	M1880	Preparation of CZB
Na ₂ -EDTA·2H ₂ O	Sigma	E5134	Preparation of CZB
NaCl	Sigma	S5886	Preparation of CZB
NaHCO ₃	Sigma	S5761	Preparation of CZB
Na-lactate 60% syrup d = 1.32 g/L	Sigma	L7900	Preparation of CZB
Na-pyruvate	Sigma	P4562	Preparation of CZB
Piezo drill tips (ICSI)	Eppendorf	piezoXpert	Piezoelectric membrane rupture
pregnant mare serum gonadotropin (PMSG)	Ningbo Second Hormone Company	PMSG	Ovulation promoting drugs
PVA	Sigma	P8136	Preparation of CZB