

Materials List for:

Cryopreservation of Preimplantation Embryos of Cattle, Sheep, and Goats

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Materials

Name	Company	Catalog Number	Comments
BioLife freeze medium	Agtech, Inc.	C18, C18A	1.5 M ethylene glycol
Emcare ethylene glycol freeze solution	ICPBio Reproduction	IC8, IC10	1.5 M ethylene glycol
ViGro ethylene glycol freeze plus	Bioniche Animal Health	EVM835	1.5 M ethylene glycol
Emcare 10% glycerol freeze solution	ICPBio Reproduction	IC12	1.34 M glycerol
Emcare 1 M sucrose thaw	ICPBio Reproduction	IC16	1.0 M sucrose
ViGro one-step thaw	Bioniche Animal Health	EVM247, EVM847	1.0 M sucrose
ViGrothaw 1-2-3 plus	Bioniche Animal Health	EVM248, EVM848	5%, 2.5%, 0% glycerol with 0.5, 0.5, 0.6% sucrose
Emcare CSU thawing kit	ICPBio Reproduction	IC20	6%, 3%, 0% glycerol with 10.3% sucrose
BioLife holding and transfer medium	Agtech, Inc.	C15, C15A	modified PBS with 0.4% BSA (bovine serum albumin)
Emcare holding solution	ICPBio Reproduction	IC2, IC4, IC6	0.4% BSA (bovine serum albumin), MOPS buffer (inert zwitterions)
ViGro holding plus	Bioniche Animal Health	EVM024, EVM824	
SYNGROHolding medium	Bioniche Animal Health	ESM024, ESM224, ESM828	contains hyaluronan; no products of animal origin
BioLife modified D- PBS	Agtech, Inc.	C06	modified Dulbecco's phosphate buffered saline
BioLifeBSA Fraction V	Agtech, Inc.	B09	lyophilized bovine serum albumin, fraction V
BioLifeantibiotic-antimycotic	Agtech, Inc.	B01	amphotericin-B, penicillin G, streptomycin sulfate
BioLifetrypsin kit	Agtech, Inc.	C22A	25 g lyophilized trypsin, sterile water, sterile D-PBS
Biol-Cool controlled rate freezer	FTS Systems	BC-IV -40	Methanol bath freezer
Freeze Control controlled rate freezer	Cryologic	CL2200	Liquid nitrogen freezer