

Materials List for

In Vitro Culture Strategy for Oocytes from Early Antral Follicle in Cattle

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jove.com/video/61625

Materials

Name	Company	Catalog Number	Comments
4-well dishes	Nunclon	179830	
96-well dish	Becton Dickinson Biosciences	356649	BioCoat™ Collagen I
Bovine Serum Albumin (Fatty acid free)	Sigma	A8806	
Bovine Serum Albumin (Fraction V)	Sigma	A3311	
Cell culture water	Sigma	W3500	
Cilostamide	Sigma	C7971	
Cysteamine	Sigma	M9768	
Digital camera	Nikon Corp	Camera DS-5M	
Disodium phosphate	Sigma	S5136	
Estradiol	Sigma	E2758	
Glutamax Supplement	Thermo Fisher Scientific	35050061	
Gonal F	Merck Serono		
Heparin	Sigma	H3149	
HEPES	Sigma	H3784	
Vacuum pump	Cook-IVF	KMAR-5100	
Incubator	Sanyo		
Kanamycin sulfate from <i>Streptomyces kanamyceticus</i>	Sigma	K1377	
Medium 199	Sigma	M3769	Powder for bicarbonate-buffered media
Medium 199	Sigma	M2520	Powder for HEPES-buffered media
Microscope	Nikon Corp	Nikon Diaphot	
Microscope	Nikon Corp	Eclipse E 600	
Monopotassium phosphate	Sigma	P5655	
Paraformaldehyde	Sigma	158127	
Penicilin	Sigma	P3032	
Phenol Red	Sigma	P5530	
Polyvinyl alcohol	Sigma	P8137	

Polyvinylpyrrolidone	Sigma	P5288	360k molecular weight
Potassium chloride	Sigma	P5405	
Progesterone	Sigma	P8783	
Sodium bicarbonate	Sigma	S5761	
Sodium choride	Sigma	P5886	
Sodium pyruvate	Sigma	P4562	
Streptomycin	Sigma	S9137	
Testosterone	Sigma	86500	
Triton X	Sigma	T9284	
Vectashield with DAPI	Vector Laboratories	H1200	
Water	Sigma	W3500	
Zinc sulfate heptahydrate	Sigma	Z0251	