

Materials List for:

Slide Preparation Method to Preserve Three-dimensional Chromatin Architecture of Testicular Germ Cells

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Materials

Name	Company	Catalog Number	Comments
Cot-1 DNA	Invitrogen	18440-016	
Stratagene Prime-It Fluor Fluorescence Labeling Kit	Agilent	300380	
Herring sperm DNA Solution	Invitrogen	15634-017	
Ethanol. 200 proof (absolute)	Pharmco-aaper	111000200	
Sodium acetate	Sigma-Aldrich	S2889	
Formamide deionized	American Bioanalytical	AB00600-00500	
Sodium citrate tribasic dihydrate	Sigma-Aldrich	C8532	
Bovine serum albumin	Lifeblood Medical	77110-100	
Dextran sulfate sodium salt from Leuconostoc spp.	Sigma-Aldrich	D6001	
RPMI 1640	Invitrogen	A10491-01	
Sucrose	Sigma-Aldrich	S0389	
PIPES	Sigma-Aldrich	P6757	
Magnesium chloride hexahydrate	Sigma-Aldrich	M0250	
Triton X-100	Sigma-Aldrich	T8787	
Paraformaldehyde	Sigma-Aldrich	76240	
Sodium hydroxide	Sigma-Aldrich	221465	
Phosphate buffered saline	Sigma-Aldrich	P4417	
VECTASHIELD Mounting Medium with DAPI	Vector Laboratories	H1200	
Ribonucleoside-vanadyl complex	New England Biolabs	S1402S	
Illustra MicroSpin G-50 Columns	GE Healthcare	27-5330-01	
Microcentrifuge	Eppendorf	5424	
Forceps	VWR	300-050	
Microcentrifuge tubes	Bioexpress	C-3262-1	
Cytospin 3	Shandon		
Coplin Jar	Fisher	08-815	
Superfrost /Plus Microscope Slides	Fisher	12-550-15	
4-well dish	Fisher	12-566-301	
Cover glass	Fisher	12-544-G	
Air incubator	Revolutionary Science	RS-IF-203	