

Materials List for:

Fluorimetric Techniques for the Assessment of Sperm Membranes

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Materials

Name	Company	Catalog Number	Comments
NaCl	Sigma	S5886	
KCl	Sigma	P5405	
MOPS [3-N-morpholino propanesulfonic acid]	Sigma	M1254	
PBS	Sigma	P5493	
DMSO	Sigma	D2438	
Ethanol absolute	Sigma	64-17-5	
Hemocytometer	Neubauer Germany		hemocytometer
DAPI (4',6-diamidino-2-phenylindole)	Sigma	D9542	fluorescent probe
PI (propidium iodide)	Sigma	P4170	fluorescent probe
FITC-PSA (fluorescein isothiocyanate-conjugated Pisum sativum agglutinin)	Sigma	L0770	fluorescent probe
JC-1 (5,5',6,6'-tetra-chloro-1,1',3,3'-tetraethylbenzimidazolyl carbocyanine iodide)	ENZOBiochem, New York, NY, USA	ENZ52304	fluorescent probe
Annexin V conjugated to FITC	MACS, Miltenyi Biotec	130-093-060	fluorescent probe
Annexin V binding buffer 20x stock solution	MACS, Miltenyi Biotec	130-092-820	buffer
Nikon Eclipse, TE-2000-u	Nikon, Tokyo, Japan		inverted fluorescence microscope
Nis Elements	Nikon, Tokyo, Japan		software
Nikon DXM1200F	Nikon, Tokyo, Japan		digital camera
Guava EasyCyte Plus	IMV Technologies, L'Aigle, France		microcapillary sperm flow cytometer
CytoSoft	Guava Technologies Inc., Hayward, CA, USA; distributed by IMV Technologies		software
Buffered solution for cytometry	IMV Technologies, L'Aigle, France	023862	buffer
Viability and concentration kit	IMV Technologies, L'Aigle, France	024708	kit for viability assessment
Mitochondrial activity kit	IMV Technologies, L'Aigle, France	024864	kit for mitochondrial activity assessment
Viability & acrosome integrity kit	IMV Technologies, L'Aigle, France	025293	kit for acrosome integrity assessment
JMP-13	SAS Institute Inc., 2004, Cary, NC, USA		software
Bovine sperm	"SION", Israeli company for artificial insemination and breeding, Hafetz-Haim, Israel		