

Materials List for:

Phosphopeptide Analysis of Rodent Epididymal Spermatozoa

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Materials

Name	Company	Catalog Number	Comments
2,5-Dihydroxy-1,4-benzoquinone	Aldrich	195464	
2-D Quantitation Kit	VWR (GE Healthcare)	80-6483-56	
Albumin from bovine serum	Sigma	A7030	
Ammonia solution 25%	Merck	1.05432	
Ammonium bicarbonate	Sigma	A6141	
Calcium chloride	Sigma	C5080	
CHAPS 3-[3-(cholamidopropyl)dimethylammonio]propanesulfonate	Research Organics	1300C	
Chloroform	BDH	10077.6B	
Disodium hydrogen phosphate	Merck	1.06580	
Dithiothreitol (DTT)	Sigma	D9779	
Formic acid	Sigma	O6440	
Glucose	Sigma	G6152	
Glutamine-L	Sigma	G7513	
Hepes (free acid)	Sigma	H3375	
Iodoacetic acid free acid	Sigma	I4386	
Lactic acid	Sigma	L1750	
Magnesium chloride	Res. Org.	0090M	
Methanol	Merck	10158.6B	
Percoll (sterile)	VWR (GE Healthcare)	GEHE17-0891-01	
Phosphatase Inhibitor Cocktail Halt	ThermoFisher Scientific (Pierce)	PIE78420	
Potassium chloride	Sigma	P9333	
Potassium hydrogen carbonate	Medical Store	CH 600	
Sodium bicarbonate	Sigma	S3817	
Sodium chloride	Sigma	S7653	
Sodium dihydrogen phosphate	Merck	1.06346	
Sodium hydrogen carbonate	BDH	10247.4V	
Sodium pyruvate	Sigma	S8636	
Tris, ultra pure grade	Amresco (Astral)	AM0497	
Trypsin Gold, mass spec grade	Promega	V5280	
Urea	Sigma	U5128	
Zinc chloride	Sigma	Z0173	
0.4 mm Polyethylene tubing	Goodfellow	ET317100	
30 G needle	Terumo	NN2038R	

3 ml Syringe	Terumo	SS035	
4.2 mm Polyethylene tubing	Goodfellow	ET317640	
Braided silk (5-0)	Dytek	CSS0100	
Trichloroacetic acid	Sigma	299537	
TiO ₂ beads (from disassembled column)	Titansphere	6HT68003	
Eppendorf Tube	Eppendorf	22431081	
C7B30	Sigma	C0856	