

Materials List for:

A Tissue Culture Model of Estrogen-producing Primary Bovine Granulosa Cells

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Materials

Name	Company	Catalog Number	Comments
PBS Instamed w/o Ca ²⁺ , Mg ²⁺	Merck-Millipore	L 182-05	originally purchased at Biochrom AG that is now part of the Merck-Millipore Company; the Cat.-No of Biochrom still exists
penicillin / streptomycin (10,000 IU / 10,000 µg/mL)	Merck-Millipore	A 2213	originally purchased at Biochrom AG that is now part of the Merck-Millipore Company; the Cat.-No of Biochrom still exists
amphotericin (250 µg/mL)	Merck-Millipore	A 2612	originally purchased at Biochrom AG that is now part of the Merck-Millipore Company; the Cat.-No of Biochrom still exists
3 mL syringe (Omnifix Luer)	Braun	4616025V	
18 G needle	Roth	C724.1	
fetal calf serum	Merck-Millipore	S 0115	originally purchased at Biochrom AG that is now part of the Merck-Millipore Company; the Cat.-No of Biochrom still exists
cryo-preservation vials (2 mL)	TPP Faust	TPP 89020	
CoolCell LX cell freezing container	Corning	432004	
culture dish, 24-well, flat bottom	TPP Faust	TPP 92424	
collagen R (0.2 %)	Serva	47254	
α-MEM	Merck-Millipore	F 0915	originally purchased at Biochrom AG that is now part of the Merck-Millipore Company; the Cat.-No of Biochrom still exists
L-Glutamin (200 mM)	Merck-Millipore	K 0282	originally purchased at Biochrom AG that is now part of the Merck-Millipore Company; the Cat.-No of Biochrom still exists
sodium bicarbonate	Merck-Millipore	L 1713	originally purchased at Biochrom AG that is now part of the Merck-Millipore Company; the Cat.-No of Biochrom still exists
BSA	Sigma	A3311	
HEPES	Merck-Millipore	L 1603	originally purchased at Biochrom AG that is now part of the Merck-Millipore Company; the Cat.-No of Biochrom still exists
sodium selenite	Sigma	S9133	dissolved in sterile water
transferrin	Sigma	T1283	dissolved in sterile water
insulin (10 mg/mL)	Sigma	I0516	dissolved in 1x PBS

NEA	Merck-Millipore	K 0293	originally purchased at Biochrom AG that is now part of the Merck-Millipore Company; the Cat.-No of Biochrom still exists
FSH	Sigma	F4021	we prefer to use a stock solution of 2 µg/mL, diluted in 0.9 % NaCl
LR3-IGF-1	Sigma	I1146	we use a stock solution of 2 µg/mL, dissolved in 10 mM HCl and 1x PBS with 1 mg/mL BSA
androstenedione	Sigma	46033	we use a stock solution of 10 mM, diluted in 100 % ethanol