

Materials List for:

Isolation and *In Vitro* Decidualization of Mouse Primary Endometrial Stromal Cells

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Materials

Name	Company	Catalog Number	Comments
Hanks' Balanced Salts	Sigma	H4891	For washing the tissues or cells
Dulbecco's Modified Eagle's Medium/Nutrient Mixture F-12 Ham	Sigma	D2906	For mESC culture
Trypsin	Amresco	0 458	For epithelial sheets dissociation
Dispase	Roche Applied Science	0 4942078001	For epithelial sheets dissociation
Collagenase I	Invitrogen	17100-017	For stromal cells dissociation
Charcoal Stripped Foetal Bovine Serum	Biological Industries	04-201-1A	For the culture of mESC
Progesterone	Sigma	850454	For in vitro decidualization
Estradiol-17	Sigma	E1024	For in vitro decidualization
Vimentin	Cell Signaling Technology	3932s	Marker of stromal cells
0.22 µm Sterile Filter	Millipore	SLGP033RB	For filtration medium
CO ₂ Incubator	Thermo	3111	For the culture of mESC