

Materials List for

Single Cell Collection of Trophoblast Cells in Peri-implantation Stage Human Embryos

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jove.com/video/61476

Materials

Name	Company	Catalog Number	Comments
NORM JECT Luer Lock sterile syringe	VWR	53548-019	Pack of 100
3130 or 3110 Forma Series II water-jacketed CO2 incubator	Thermo Fisher Scientific	13-998-078	
35 mm Corning Primaria tissue culture dish	VWR	62406-038	Case of 500
5 mL snap cap tube	VWR	60819-295	Pack of 25
60 mm Corning Primaria tissue culture dish	VWR	25382-687	Case of 200
6-well dish	Agtech Inc.	D18	Pack of 1, 10, or 50
Acidic Tyrode's solution	Millipore Sigma	T1788	100 mL
Biotix 1250 µL pipette tips	VWR	76322-156	Pack of 960
Blast, blastocyst culture media	Origio	83060010	10 mL
Dilution Solution	Kitazato	VT802	1 x 4 mL
Disposable Borosilicate Glass Pasteur Pipets	Thermo Fisher Scientific	1367820D	5.75 in. (146mm); 720/Cs
Dulbecco's Phosphate Buffered Saline	Millipore Sigma	D8537	
Embryo culture paraffin oil OvOil	Vitrolife	10029	100 mL
Eppendorf PCR tubes 0.2 mL	VWR	47730-598	Pack of 1,000
Eppendorf PCR tubes 0.5 mL	VWR	89130-980	Case of 500
Fibronectin from human plasma. Liquid .1% solution	Millipore Sigma	F0895	1 mg
Gilson 1 mL Pipetteman	Thermo Fisher Scientific	F123602G	1 Pipetteman 200-1000 µL
Gilson 20 µL Pipetteman	Thermo Fisher Scientific	F123602G	1 Pipetteman 2-20 µL
Gilson 200 µL Pipetteman	Thermo Fisher Scientific	F123602G	1 Pipetteman 50-200 µL
G-MOPS handling media	Vitrolife	10129	125 mL
Handling media	Origio	83100060	60 mL
Ibidi 8 well chambered coverslip	Ibidi	80826	15 slides per box
IVC1/IVC2	Cell Guidance Systems	M11-25/ M12-25	5-5mL aliquots

K System T47 Warming Plate	Cooper Surgical	23054	
MilliporeSigma Millex Sterile Syringe Filters with Durapore PVDF Membrane	Fisher Scientific	SLGVR33RS	Pack of 50
Mouth pieces	IVF Store	MP-001-Y	100 pieces
Oosafe center well dish	Oosafe	OOPW-CW05-1	Case of 500
Quinn's Advantage SPS	Origio	ART-3010	12x 12 mL
Rubber latex tubing for mouth pieces	IVF Store	IVFS-NRL-B-5	5 ft.
Stereomicroscope	Nikon	SMZ1270	
Stripper tips	Cooper Surgical	MXL3-275	20/pk 275 μ m
Thawing Solution	Kitazato	VT802	2 x 4 mL
The Stripper Micropipetter	Cooper Surgical	MXL3-STR	
TrypLE Express Enzyme (1X), no phenol red	Thermo Fisher Scientific	12604013	1 x 100 mL
Tween20	Millipore Sigma	P1379-25ML	25 mL bottle
VWR 1-20 μ L pipette tips	VWR	76322-134	Pack of 960
VWR 1-200 μ L pipette tips	VWR	89174-526	Pack of 960
Washing Solution	Kitazato	VT802	1 x 4 mL