

Materials List for:

Isolation of Primary Human Decidual Cells from the Fetal Membranes of Term Placentae

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URL: <https://www.jove.com/video/57443>

DOI: [doi:10.3791/57443](https://doi.org/10.3791/57443)

Materials

Name	Company	Catalog Number	Comments
Hank's balanced salt solution with calcium and magnesium	Prepared in facility (LTRI)		
Hank's balanced salt solution without calcium and magnesium	Prepared in facility (LTRI)		
Diaper pads	Sigma-Aldrich	D9542	
Large surgical scissors	AL Medical	2018-12-20.	
Large surgical forceps	Fine Science Tools	11000-18	
Plastic disposable cell scraper (25 cm)	Sarstedt	83.183	
250 mm (size 60 mesh) metal sieve	Sigma-Aldrich	S1020-5EA	
Disposable scalpel with plastic handle (#21)	Fisher Scientific	08-927-5D	
Sterile plastic petri dish (diameter 10 cm)	Sarstedt	82.1473.001	
Sterile specimen container (urine cup, 4.5 oz)	VWR	25384-146	
Nylon filter (70 mm)	VWR/Corning	21008-952	
Erythrocyte lysis buffer	Qiagen	79217	
Trypan blue, 0.4% solution	Lonza	17-942E	
Parafilm	Fisher Scientific	13-374-10	
Hemocytometer	Reichert	1490	
Roswell Park Memorial Institute (RPMI) 1640 culture media	Invitrogen	11835-055	
Fetal bovine serum	Wisent	080-150	
Normocin (50mg/ mL)	Invivogen	ant-nr-1	
Plastic top filtration unit (0.22 mm membrane, 500 mL)	Millipore	SCGPT05RE	
Collagenase 2, lyophilized powder	Sigma-Aldrich	C6885	
Soy bean trypsin inhibitor, powder	Sigma-Aldrich	T9003-250mg	
DNase powder	Roche	10104159001	
Bovine serum albumin (BSA powder)	Fisher Scientific	BP1600-100	
Spinning disc confocal microscope - Leica DMI 6000B	Leica		

Imaging Flow cytometer - Image Stream MK2	Amnis		
IDEA software	Millipore Sigma		
APC-conjugated Vimentin antibody	R&D Systems	IC2105A	
APC H7-conjugated CD45 antibody	BD	641399	
FITC-conjugated Cytokeratin antibody	MACs Miltenyi Biotec	130-080-101	
PerCP -conjugated Cytokeratin 7 antibody	Novus	NBP2-47941PCP	
eFluor450 Fixable Viability dye	Thermo Fisher Scientific	65-0863-14	
Vimentin primary antibody	Santa Cruz	sc-7558	
CD45 primary antibody	Dako	M0701	
Cytokeratin primary antibody	Dako	M0821	
Cytokeratin 7 primary antibody	Dako	M7018	
Mouse IgG	Santa Cruz	sc-2025	
Goat IgG	Santa Cruz	sc-2028	
Alexa Fluor 546 secondary antibody	Invitrogen	A10036	
Alexa Fluor 594 secondary antibody	Fisher Scientific	A-11058	
DAPI	Sigma-Aldrich	D9542	