

Dec 23, 2025

[Start Here] Endometrial Scaffold Culture System

DOI

<https://dx.doi.org/10.17504/protocols.io.rm7vzx67xgx1/v1>

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Human Developmental B...



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Collection Citation: Matteo A. Molè, Sarah Elderkin, Irene Zorzan, Nicole Horsley, Francisco Domínguez, Peter Rugg-Gunn 2025. [Start Here] Endometrial Scaffold Culture System. **protocols.io**
<https://dx.doi.org/10.17504/protocols.io.rm7vzx67xgx1/v1>

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Protocol status: Working

We use this collection and it's working

Created: September 26, 2023

Last Modified: December 23, 2025

Collection Integer ID: 88398

Keywords: human, embryo, blastoid, endometrial, culture, blastoid culture in endometrial scaffold, culture of human endometrial stromal cell, endometrial culture system, human endometrial stromal cells culture, culture of human endometrial epithelial cell, blastoids in an endometrial culture system, human endometrial biopsies culture, culture in endometrial scaffold, endometrial scaffold culture system, endometrial scaffold system, assembly of endometrial scaffold system, endometrial scaffold, human endometrial epithelial cells assembly, human endometrial stromal cell, endometrial stromal cell, blastoids in the endometrial system, human endometrial biopsy, culturing human embryo, human endometrial epithelial cell, endometrial system, culture of human pluripotent stem cell, human embryo, culturing embryo, blastoid culture, embryo, culturing human blastoid, derived blastoid, human pluripotent stem cell, generation of blastoid, human stem cell, human blastoid, naïve conditions generation of blastoid, overview of the process

Funders Acknowledgements:

Wellcome

Grant ID: 215116/Z/18/Z



Abstract

This is a collection of protocols for culturing human embryos and human stem cell-derived blastoids in an endometrial culture system.

This culture system is comprised of multiple parts which have been broken out into separate protocols according to logical sections of work.

This list of protocols below is the place to start and to get an overview of the process. Some aspects of this process need to be performed in parallel so that all of the components are ready to be included in the culture system at the appropriate time.

The steps to perform to prepare the endometrial culture system are:

- Isolation of Cells from Human Endometrial Biopsies
- Culture of Human Endometrial Stromal Cells
- Culture of Human Endometrial Epithelial Cells
- Assembly of Endometrial Scaffold Systems

If you are culturing human embryos then follow:

- Human Embryo Thawing

If you are culturing human blastoids then follow:

- Culture of Human Pluripotent Stem Cells in Naïve Conditions Generation of Blastoids

Finally, the protocol for culturing embryos or blastoids in the endometrial system is:

- Human Embryo or Blastoid Culture in Endometrial Scaffolds

Each protocol links to any pre-requisite protocols within it so as to be clear what steps need to have been performed before beginning any step.

Files

 SEARCH

Protocol

NAME

Isolation of Stromal and Epithelial Cells from Human Endometrial Biopsies

VERSION 1

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Culture of Human Endometrial Stromal Cells

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Assembly of Endometrial Scaffold Systems

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Culture of Human Pluripotent Stem Cells in Naïve Conditions

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Generation of Blastoids

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Human Embryo or Blastoid Culture in Endometrial Scaffolds

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