

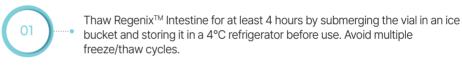
Regenix[™] Intestine

PROTOCOL

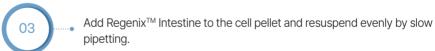
Regenix[™] Intestine is composed of various basement membrane proteins separated from intestinal tissues. Regenix[™] Intestine can be utilized for two-dimensional (2D) and three-dimensional (3D) culture of intestinal epithelial cells. In particular, Regenix[™] Intestine can provide an optimized environment for adult stem cell (AdSC)-derived and pluripotent stem cell (PSC)-derived intestinal organoids.

PROCEDURE

3D culture of intestine organoid using Regenix™ Intestine



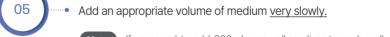
Mix Regenix[™] Intestine by slowly pipetting; Be careful not to create air bubbles during this process.



Note It is recommended to remove as much of the supernatant as possible before adding the RegenixTM Intestine.



Note For suspension cultures, dispense Regenix™ Intestine droplets on a sheet of Parafilm for easy detachment after gelation.



Note If you need to add 300 µL per well medium to each well, add the medium slowly and carefully over 15 seconds.

Note Culture of intestinal organoids with Regenix[™] Intestine requires the addition of 10 µM Y-27632 in the first 1-2 days.

[•] For additional product or technical information, visit www.cellartgen.com or contact regenix@cellartgen.com •



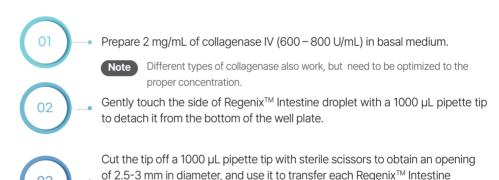
Regenix[™] Intestine

PROTOCOL

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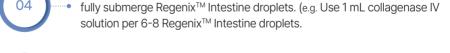
PROCEDURE

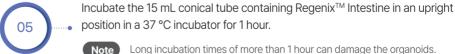
Passage of intestinal organoids in Regenix™ Intestine

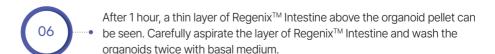


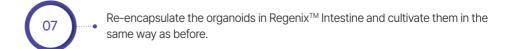


encapsulating organoids to a 15 mL conical tube.









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