

Materials List for:

Establishment of Human Epithelial Enteroids and Colonoids from Whole Tissue and Biopsy

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Materials

Name	Company	Catalog Number	Comments
Dulbecco's Phosphate buffered saline Ca ²⁺ , Mg ²⁺ free (DPBS)	Life technologies; Gibco	14190-144	
Ethylenediaminetetraacetic acid (EDTA)	Sigma-Aldrich	431788	
Sorbitol	Fischer Scientific	BP439-500	
Sucrose	Fischer Scientific	BP220-1	
Bovine serum albumin (BSA) Fraction V	Fischer Scientific	BP1600-100	
Gzntamycin/Amphotericin B solution	Life technologies; Gibco	R-015-10	
Wnt-3A conditioned medium	in house		
Advanced DMEM/F12	Life technologies; Gibco	12634-028	
HEPES 1M	Life technologies; Gibco	15630-080	
GlutaMAX (glutamine)	Life technologies; Gibco	35050-061	
Penicillin-Streptomycin (10,000 U/mL)	Life technologies; Gibco	15140-148	
N2 Supplement	Life technologies; Gibco	17502-048	
B27 Supplement	Life technologies; Gibco	17504-044	
N-Acetylcysteine	Sigma-Aldrich	A9165-5G	
Nicotinamide	Sigma-Aldrich	N0636	
Matrigel, GFR, Phenol free (basement membrane matrix)	Corning	356231	
human recombinant Noggin	R&D	6057-NG/CF	
human recombinant R-Spondin	Preprotech	120-38	
human recombinant EGF	Sigma-Aldrich	E9644-.2MG	
Y-27632	Sigma-Aldrich	Y0503-1MG	
A-83-01	Tocris	2939	
SB202190	Sigma-Aldrich	S7067-5MG	
human [Leu]15-Gastrin 1	Sigma-Aldrich	G9145-.1MG	
CHIR99021	Stemgent	04-0004	
Thiazovivin	Stemgent	04-0017	
TrypLE Express Enzyme (1X), phenol red (cell dissociation enzyme)	Life technologies; Gibco	12605-010	
Fetal Bovine Serum	Life technologies; Gibco	10082-147	

CTS Synth-a-Freeze Medium (freezing medium)	Life technologies; Gibco	A13713-01	
L Wnt-3A cell line	ATCC	CRL-2647	
Renilla luciferase assay	Promega	E2710	
human recombinant Wnt-3A	R&D	5036-WN/CF	
HEK293 TOPflash cell line			