

Materials List for:

A Novel Human Epithelial Enteroid Model of Necrotizing Enterocolitis

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Materials

Name	Company	Catalog Number	Comments
4% Paraformaldehyde	ThermoFisher	AAJ19943K2	
A-83	R&D Tocris	2939/10	
Amphotericin B	ThermoFisher	15290026	
B-27 supplement minus Vitamin A	ThermoFisher	17504-044	
Basement Membrane Matrix (Matrigel)	Corning	CB-40230C	
DMEM/F-12	ThermoFisher	MT-16-405-CV	
Dulbecco's Modified Eagle Medium (DMEM)	ThermoFisher	11-965-118	
Dulbecco's Phosphate-Buffered Saline (DPBS)	ThermoFisher	14190-144	
Epidermal Growth Factor (EGF)	Sigma	E9644-.2MG	
Ethylenediaminetetraacetic acid (EDTA)	Sigma	EDS-500G	
Fetal Bovine Serum (FBS)	Gemini Bio-Pro	100-125	
Gentamicin	Sigma	G5013-1G	
GlutaMAX (L-glutamine)	ThermoFisher	35050-061	
Insulin	Sigma	I9278-5mL	
[Ileu] 15-gastrin 1	Sigma	G9145-.1MG	
Lipopolysaccharide (LPS)	Sigma	L2630-25MG	
N-2 supplement	ThermoFisher	17502-048	
N-2-hydroxyethylpiperazine-N-2-ethane sulfonic acid (HEPES)	ThermoFisher	15630-080	
N-Acetylcysteine	Sigma	A9165-5G	
Nicotinamide	Sigma	N0636-100G	
Noggin	R&D Systems INC	6057-NG/CF	
Penicillin-Streptomycin	ThermoFisher	15140-148	
Phosphate Buffered Saline (PBS)	Sigma	P5368-5X10PAK	
RPMI 1640 Medium	Invitrogen	11875093	
R-Spondin	PEPROTECH INC	120-38	
SB202190	Sigma	S7067-5MG	
Tissue Processing Gel (Histogel)	ThermoFisher	22-110-678	
Wnt3a	R&D Systems INC	5036-WN-010	
Y-27632	Sigma	Y0503-1MG	