

Materials List for:

# Recapitulating Suckling-to-Weaning Transition In Vitro using Fetal Intestinal Organoids

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## Materials

Name	Company	Catalog Number	Comments
Advanced DMEM/F12 1:1	Invitrogen	12634-028	
Arginase Activity Assay Kit	Sigma-Aldrich	MAK112-1KT	
B27 supplement	Invitrogen	17504-044	100x
BCA protein assay Kit	Fisher	10741395	
Cell lysis buffer	Cell Signaling Technology	9803S	
Cell Recovery Solution	Corning B.V.	354253	
Cell strainer 70µM	BD/VWR	734-0003	
Dexamethasone	Sigma-Aldrich	D4902	
EDTA	Merck	10,84,18,250	EDTA Titriplex III
EGF	Invitrogen	PMG8045	
Ethanol	Merck	1,00,98,31,000	
Glucose solution	Sigma-Aldrich	G6918	
Glutamax	Invitrogen	35050-038	100x
Hepes	Invitrogen	15630-056	1M
Isolate II RNA Mini Kit	Bioline	BIO-52073	
Lactose	Sigma-Aldrich	L3625	α-Lactose monohydrate
Maleic Buffer	Sigma-Aldrich	M0375	Maleic acid
Maltose	Sigma-Aldrich	M5885	D-(+)-Maltose monohydrate>99%
Matrigel	Corning B.V.	356231	Growth Factor Reduced Basement Membrane Matrix
Millipore water	N.A.		
N2 supplement	Invitrogen	17502-048	100x
n-Acetylcystein	Sigma-Aldrich	A9165	
Noggin-conditioned media	Homemade		
o-dianisidine	Sigma-Aldrich	191248	
PBS	Homemade		
Penicillin/Streptomycin	Invitrogen	15140-122	0,2 U/mL
PGO-enzyme preparation	Sigma-Aldrich	P-7119-10CAP	capsules with Peroxidase/ Glucose Oxidase
p-hydroxymercuribenzoate sodium	Sigma-Aldrich	55540	
Rspodin-conditioned media	Homemade		
Sucrose	Sigma-Aldrich	84097	
Trehalose	Sigma-Aldrich	T5251	D-Trehalose dihydrate
Tris-HCl Buffer	Homemade		

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$\beta$ -mercaptoethanol	Sigma-Aldrich	M3148	
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