

Materials List for

Monitoring Circadian Oscillations with a Bioluminescence Reporter in Organoids

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Materials

Name	Company	Catalog Number	Comments
35 x 10 Falcon tissue culture dishes	Fisher Scientific	08-772A	
A 83-01	Sigma Aldrich	SML0788	
Advanced DMEM/F12	Life Technologies	12634-028	
B-27 Supplement (50x)	Gibco	17504-044	
BD Micro-Fine IV Insulin Syringes	Fisher Scientific	14-829-1Bb	Mfrn: BD 329424
CHIR99021	Cayman Chemical	13122	GSK-3 inhibitor
Dexamethasone	Sigma Aldrich	D4902-500MG	
D-Luciferin (potassium salt)	Cayman Chemical	14681	
Gastrin I Human	Sigma Aldrich	G9020	
GlutaMAX	Gibco	35050061	
Growth Factor reduced (GFR) Matrigel	Corning	CB-40230C	
HEPES	Gibco	15630080	
IntestiCult Organoid Growth Medium (Human)	Stemcell Technologies	06010	Consist of IntestiCult OGM Human Basal Medium, 50 mL and Organoid Supplement, 50 mL. Mix both as 1:1 ratio to use as intestinal organoid growth medium
Kronos Dio Luminometer Machine	ATTO Corporation	AB-2550	
N-2 Supplement (100x)	Gibco	17502-048	
N-Acetyl-L-cysteine	Sigma Aldrich	A9165	
pABpuro-BluF reporter plasmid	Addgene	46824	
PBS without Calcium and Magnesium	Corning	21-040-CV	
Penicillin-Streptomycin	Gibco	15140122	
Recombinant murine EGF	PeproTech	315-09	
Y-27632	R&D Systems	1254/10	ROCK inhibitor