

Materials List for:

Probiotic Studies in Neonatal Mice Using Gavage

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Materials

Name	Company	Catalog Number	Comments
1 mL tuberculin syringe with slip tip	BD	309659	
1.2% Triton X-100	Millipore-Sigma	X100-100ML	
2 mM sodium EDTA	Thermo Fisher Scientific	15575020	
20 mM Tris·Cl	Thermo Fisher Scientific	15568025	
5% dextrose and 0.9% NaCl injection solution	Baxter Corp.	JB1064	
Alphaimager	Alpha Innotech	N/A	Gel imaging system
Anaerobic jar	Millipore-Sigma	28029-1EA-F	2.5 L
BD GasPak EZ anaerobe container system sachets	BD	260678	
BD Difco Lactobacilli MRS Broth	BD	288130	
Disruptor Genie	Scientific Industries Inc.	SI-D236	
Feeding/oral gavage needles for newborn mice and rats	Cadence Science Inc.	01-290-1	24 Gauge, 1" needle length, 1.25 mm ball diameter
Fructooligosaccharides	Millipore-Sigma	F8052	from chicory
Garnet bead tubes 0.70 mm	Qiagen	13123-50	
iTaq Universal SYBR Green Supermix	BioRad	172-5120	
Lactobacillus plantarum (Orla-Jensen) Bergey et al.	ATCC	BAA-793	for qPCR standard curve
Lyophilized probiotic bacteria	N/A	N/A	
Lysozyme	Thermo Fisher Scientific	89833	
Maltodextrin	Millipore-Sigma	419672	dextrose equivalent 4.0-7.0
Mini-Sub Cell GT Cell	BioRad	1704406	Gel chamber
Nanodrop 1000	Thermo Fisher Scientific	N/A	
QIAamp Blood and Tissue kit	Qiagen	51504	
StepOnePlus Real-Time PCR System	Thermo Fisher Scientific	4376600	
UltraPure Agarose	Invitrogen	16500-500	
Ultrapure dH ₂ O	Invitrogen	10977023	