

Materials List for

Fecal Microbiota Transplantation and Detection of Prevalence of IgA-Coated Bacteria in the Gut

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Citation

Zhang, Q., Lu, Q., Luo, Y. Fecal Microbiota Transplantation and Detection of Prevalence of IgA-Coated Bacteria in the Gut. *J. Vis. Exp.* (), e60772, doi:10.3791/60772 (2020).

Date Published

July 23, 2020

DOI

10.3791/60772

URL

jove.com/video/60772

Materials

Name	Company	Catalog Number	Comments
5 mL syringe needle	Sheng guang biotech	5mL	
70 µm cell strainer	BD biosciences	352350	
Ampicillin sodium salt	AMERESCO	0339	
APC Streptavidin	BD biosciences	554067	
Biotin anti-mouse IgA antibody	Biologend	407003	
Bovine serum albumin (BSA)	Sigma	B2064-50G	
C57BL/6J mice	Chengdu Dashuo		
CO ₂	Xiyuan biotech		
E.Coil genome DNA	TsingKe		
Eppendorf tubes	Axygen	MCT150-C	
Fast DNA stool mini Handbook	QIAGEN	51604	
Metronidazole	Shyuanye	S17079-5g	
Neomycin sulfate	SIGMA	N-1876	
Oral gavage needle	Yuke biotech	10#	
pClone007 Versatile simple TA vector kit	TsingKe	007VS	
Phosphate Buffer Saline (PBS)	Hyclone	SH30256	
Precellys lysing kit	Precellys	KT03961-1-001.2	
RT PCR SYBR MIX	Vazyme	Q411-01	
SYTO BC green Fluorescent Nucleic Acid Stain	Thermo fisher scientific	S34855	
V338 F primer	TsingKe		ACTCCTACGGGAGGCAGCAG
V806 R primer	TsingKe		GGACTACHVGGGTWTCTAAT
Vancomycin hydrochloride	Sigma	V2002	
Equipments			
BD FACSCalibur flow cytometer	BD biosciences		
Bead beater vortex	Scilogex		
BIORAD CFX Connect	BIORAD		

Centrifuge machine	Eppendorf		
Illumina MiSeq	Illumina		
Nanodrop nucleic acid measurements machine	Thermo fisher scientific		
Surgical instruments	Yuke biotech		
Software			
Adobe Illustrator CC 2015	Version 2015		
BIORAD CFX qPCR SOFTWARE			
FlowJo software			
Graphpad prism 7			
Database			
Silva (SSU132) 16S rRNA database			