

Materials List for:

# Guided Protocol for Fecal Microbial Characterization by 16S rRNA-Amplicon Sequencing

Ayelet Di Segni<sup>1</sup>, Tzipi Braun<sup>1</sup>, Marina BenShoshan<sup>1</sup>, Sarit Farage Barhom<sup>1</sup>, Efrat Glick Saar<sup>1</sup>, Karen Cesarkas<sup>1</sup>, James E. Squires<sup>2</sup>, Nathan Keller<sup>1,3</sup>, Yael Haberman<sup>1,4</sup>

<sup>1</sup>Sheba Medical Center

<sup>2</sup>Children's Hospital of Pittsburgh of UPMC

<sup>3</sup>Ariel University

<sup>4</sup>Cincinnati Children's Hospital Medical Center

Correspondence to: Yael Haberman at [Yael.Haberman@cchmc.org](mailto:Yael.Haberman@cchmc.org)

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## Materials

Name	Company	Catalog Number	Comments
Primers	Integrated DNA Technologies (IDT)		
Extraction solution	Sigma-Aldrich	E7526	
Dilution solution	Sigma-Aldrich	D5688	
Kapa HiFi HotStart ReadyMix PCR Kit	KAPABIOSYSTEMS	KK2601	PCR Master mix
Quant-iT PicoGreen dsDNA Reagent kit	Invitrogen	P7589	dsDNA quantify reagent
MinElute Gel extraction kit	Qiagen	28606	
Agarose	Amresco	0710-250G	
Ultra Pure Water Dnase and Rnase Free	Biological Industries	01-866-1A	
Qubit dsDNA HS assay kit	Molecular probes	Q32854	dsDNA detecting kit
High Sensitivity D1000	Agilent Technologies	Screen Tape 5067-5582	separation and analysis
Screen Tape Assay	Agilent Technologies	Reagents 5067-5583	for DNA libraries
PhiX Control v3	Illumina	15017666	control library
MiSeq Reagent Kit v2 (500 cycle)	Illumina	MS-102-2003	
Ethidium Bromide	Amresco	E406-10mL-TAM	
2 mL collection tubes	SARSTEDT	72.695.400	Safe Seal collection tubes
Plastic stick swab in PP test tube	STERILE INTERIOR	23117	
Name	Company	Catalog Number	Comments
Equipment			
PCR Machine	Applied Biosystems	2720 Thermal Cyclor	
Sequencing Machine	Illumina	Miseq	
PCR workstation	Biosan	UV-cleaner	
scissors			
vortexer	Scientific Industries	Vortex-Genie 2	