

Materials List for:

Tick Microbiome Characterization by Next-Generation 16S rRNA Amplicon Sequencing

Lisa Couper¹, Andrea Swei¹

¹Department of Biology, San Francisco State University

Correspondence to: Andrea Swei at aswei@sfsu.edu

URL: <https://www.jove.com/video/58239>

DOI: [doi:10.3791/58239](https://doi.org/10.3791/58239)

Materials

Name	Company	Catalog Number	Comments
Item	Name of Material/Equipment	Company	Catalog #
1	DNeasy Blood & Tissue Kit	Qiagen	69504
2	Qubit 4 Fluorometer	ThermoFisher Scientific	Q3326
3	NanoDrop 8000 Spectrophotometer	ThermoFisher Scientific	ND-8000-GL
4	2x KAPA HiFi HotStart ReadyMix	Kapa Biosystems	KK2501
5	AMPure XP beads	Agen Court	A63880
6	Magnetic Rack	ThermoFisher Scientific	MR02
6	TE buffer	Teknova	T0223
7	Nextera Index Kit	Illumina	FC-121-1011
8	KAPA Library Quantification Kit	Roche	KK4824
9	MiSeq System	Illumina	SY-410-1003
10	MiSeq Reagent Kit v3	Illumina	MS-102-3001
11	10 mM Tris-HCl with 0.1% Tween 20	Teknova	T7724