

# The Quickest 16S Library Prep

## Quick-16S™ Plus NGS Library Prep Kit (V4)

- The most streamlined NGS kit with only 30 minutes of hands-on time for 96 samples.
- 100% automation ready with only a single PCR step and no normalization needed.
- Pre-prepped plate minimizes hands-on time and handling errors.

### Fastest 16S Workflow

#### Quick-16S™ Plus Protocol



1-Step PCR

Pool by Equal  
Volume

Single Tube  
Clean-up

#### Common 16S Protocols



Targeted  
Amplification

AMPure® Bead  
Clean-up

Index PCR

AMPure® Bead  
Clean-up

TapeStation®  
Quantification

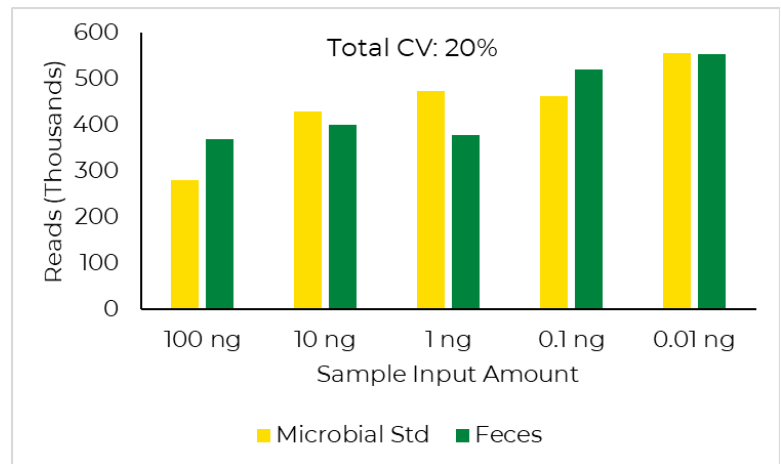
Normalization  
and Pooling

The Quick-16S™ Plus workflow versus the Illumina® 16S Protocol. Total hands-on time calculations are based on the preparation of 96 DNA samples.

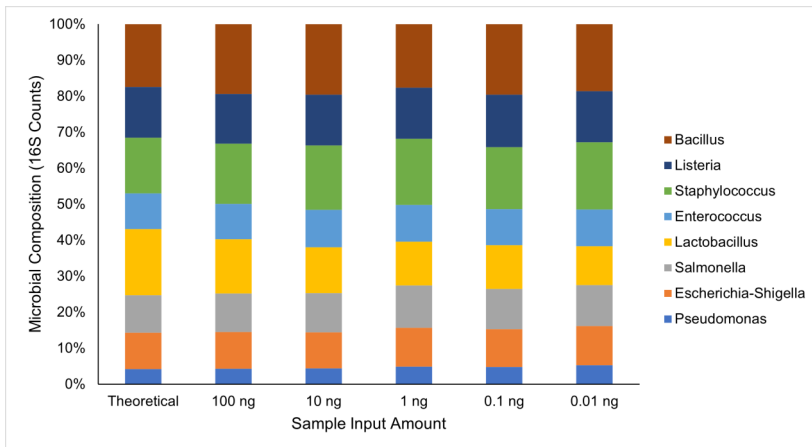


## Normalization Free

The **Quick-16S™ Plus NGS Library Prep Kit (V4)** results in similar amounts of reads across different input amounts. 0.01 ng-100 ng ZymoBIOMICS™ Microbial Community Standard and fecal DNA were used as inputs. Libraries were pooled by equal volumes (2 µl each) without further normalization and sequenced using the MiSeq® Reagent Kit v2 (300-cycle). The CV (coefficient of variation) is the ratio of the standard deviation to the mean with lower values corresponding to less dispersion around the mean.



## High Quality NGS Libraries



**Benchmarked performance with the ZymoBIOMICS™ Microbial Community DNA Standard.** Microbial composition profiles are accurate from 100 ng down to 0.01 ng using the ZymoBIOMICS™ Microbial Community DNA Standard. Libraries were pooled by equal volumes (2 µl each) without further normalization and sequenced using the MiSeq® Reagent Kit v2 (300-cycle).

Product	Cat. No.	Size
Quick-16S™ Plus NGS Library Prep Kit (V4)	D6430	96 rxns
	D6432	384 rxns

