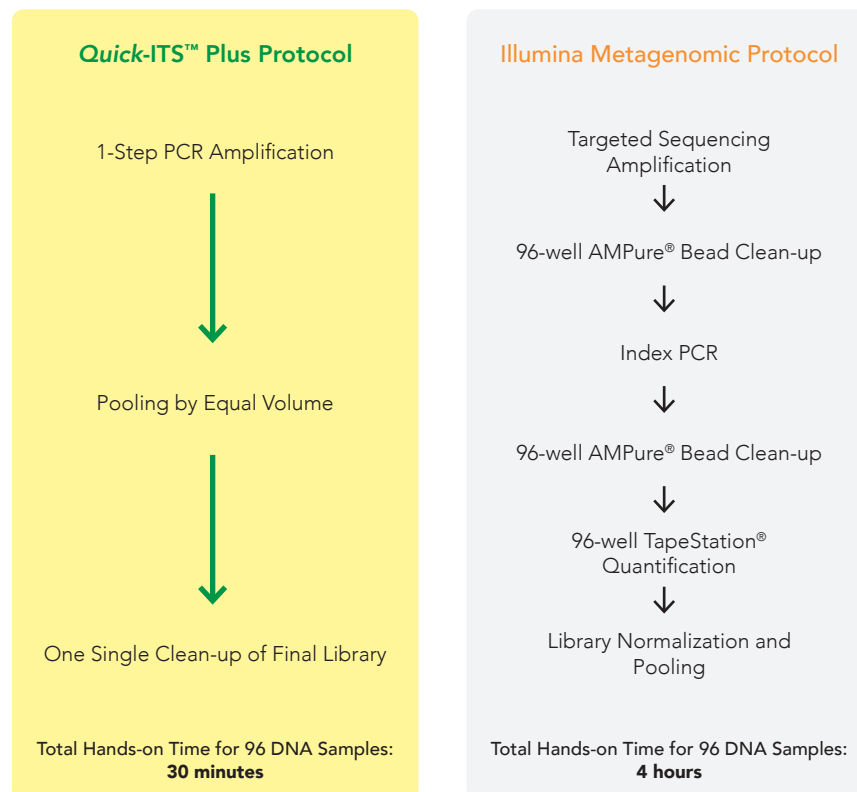


The Easiest ITS Library Prep Ever

Quick-ITS™ Plus NGS Library Prep Kit

- 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.
- Real-time PCR enables absolute microbial copy number quantification.

Fastest ITS Workflow

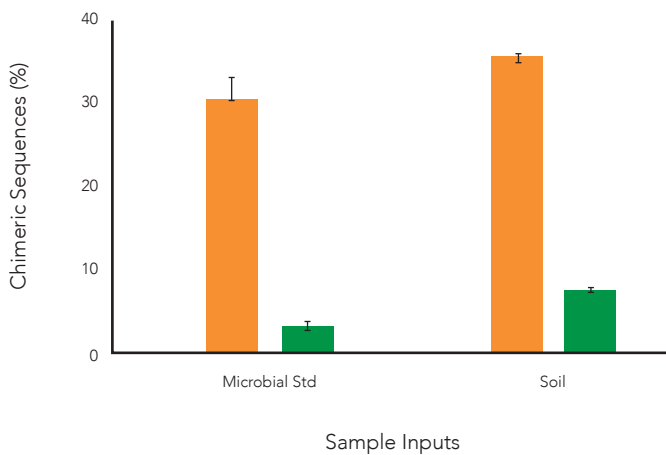
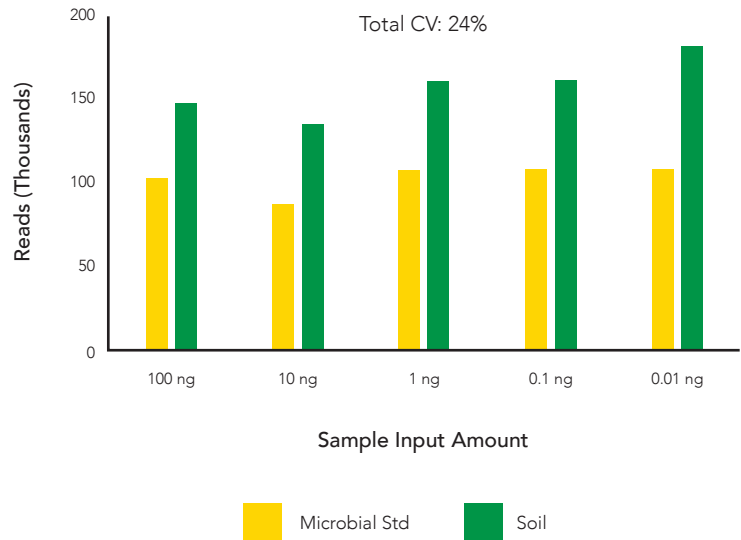


The Quick-ITS™ workflow versus the Illumina metagenomic protocol. Total hands-on time calculations are based on the preparation of 96 DNA samples.



Normalization Free

The **Quick-ITS™ Plus NGS Library Prep Kit** results in similar amounts of reads across different input amounts. 0.01-100 ng ZymoBIOMICS™ Microbial Community Standard and soil DNA were used as inputs. Libraries were pooled by equal volumes (2 µl each) without further normalization and sequenced using the MiSeq® Reagent Kit v3 (600-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.



Reduce PCR Chimera Formation

Up to 70% chimera reduction without controlling PCR cycles. Equal amounts of ZymoBIOMICS™ Microbial Community DNA Standard and soil DNA were used as inputs and amplified for 42 cycles using 1-step PCR and Equalase™ compared to using the Illumina metagenomic Protocol. Chimeric sequences were predicted with UCHIME (<https://www.drive5.com/uchime>).

Product	Cat. No.	Size
Quick-ITS™ Plus NGS Library Prep Kit	D6424 D6426	96 rxns. 24 rxns.

