

Raising the Standards for Microbiome Research

Top 5 reasons to use standards

- 1 Perform quality control analyses
- 2 Promote scientific credibility
- 3 Develop and optimize assays
- 4 Ensure data reproducibility
- 5 Eliminate bias

Human Microbiome by the Numbers



10-100 TRILLION
Microorganisms



2-5 LBS
In weight



>1000
Bacterial species



3.3 MILLION
Unique genes in the gut



1.3:1
Ratio of bacteria to human cells

A Growing Field of Research

\$3.2 BILLION NET WORTH

Over 100 microbiome companies and investors

>48,000 PUBLICATIONS

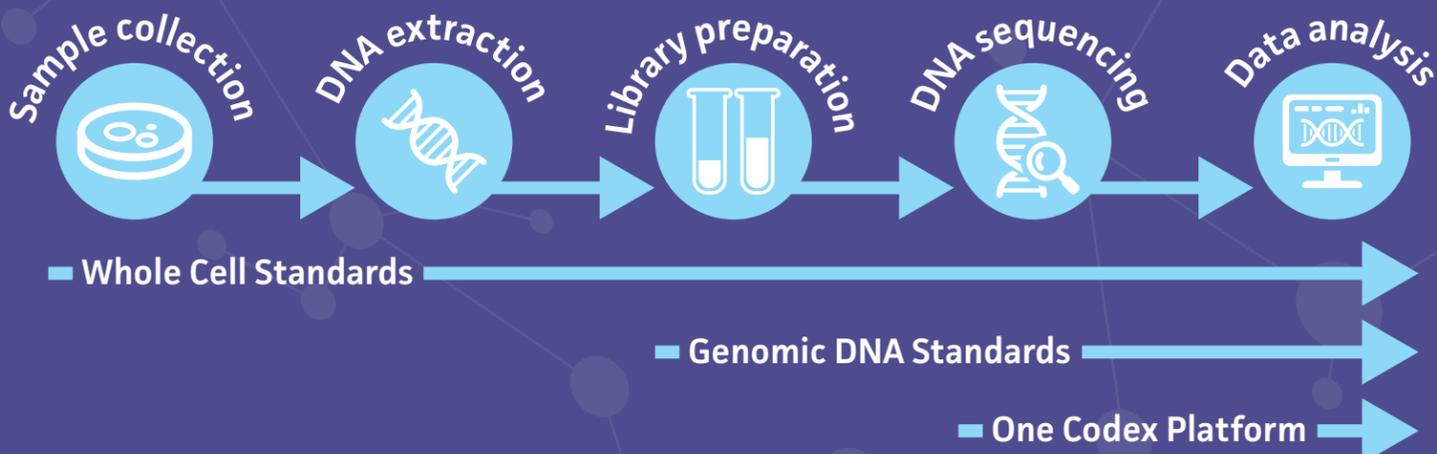
Over 75% were published in the last 5 years

>1200 CLINICAL TRIALS

Evaluating the microbiome in human health

Start with Credible Standards

NGS standards with known compositions are essential for ensuring assay optimization and data reproducibility throughout each stage of the workflow—from sample collection to data analysis



Explore ATCC's microbiome research solutions at www.atcc.org/Microbiome

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