Sigma-Aldrich®
Lab & Production Materials

MilliporeSigma

Microbiome Standards for Genomics Workflow

Microbiome standards enable optimization of metagenomics workflow, providing reliable comparative data while improving assay consistency. Lack of standardization can lead to biases in common processes along the NGS workflow. Our microbial genomic DNA standards and inactivated bacteria products can increase reproducibility and allow comparison of results obtained by different labs.

Single microbial DNA standards ≥95% pure

Cat. No.	Product Description
MBD0001	Microbial DNA standard from *Akkermansia muciniphila* suitable for PCR, sequencing and NGS
MBD0002	Microbial DNA standard from *Proteus mirabilis* suitable for PCR, sequencing and NGS
MBD0003	Microbial DNA standard from *Proteus vulgaris* suitable for PCR, sequencing and NGS
MBD0004	Microbial DNA standard from *Porphyromonas gingivalis* suitable for PCR, sequencing and NGS
MBD0005	Microbial DNA standard from *Salmonella enterica* suitable for PCR, sequencing and NGS
MBD0012	Microbial DNA standard from *Enterococcus faecalis* suitable for PCR, sequencing and NGS
MBD0013	Microbial DNA standard from *Escherichia coli* suitable for PCR, sequencing and NGS
MBD0014	Microbial DNA standard from *Pseudomonas aeruginosa* suitable for PCR, sequencing and NGS
MBD0018	Microbial DNA standard from *Bacillus subtilis* suitable for PCR, sequencing and NGS
MBD0019	Microbial DNA standard from *Burkholderia pyrrocinia* suitable for PCR, sequencing and NGS

Inactivated microbial standards

Cat. No.	Product Description
MBD0007	Inactivated *Proteus mirabilis* suitable for PCR, sequencing and NGS, $>10^8$ bacteria/mL
MBD0008	Inactivated *Proteus vulgaris* suitable for PCR, sequencing and NGS, $>10^8$ bacteria/mL
MBD0009	Inactivated *Porphyromonas gingivalis* suitable for PCR, sequencing and NGS, $>10^8$ bacteria/mL
MBD0010	Inactivated *Salmonella enterica* suitable for PCR, sequencing and NGS, $>10^8$ bacteria/mL
MBD0011	Inactivated *Enterococcus faecalis* suitable for PCR, sequencing and NGS, $>10^8$ bacteria/mL
MBD0016	Inactivated *Pseudomonas aeruginosa* suitable for PCR, sequencing and NGS, $>10^8$ bacteria/mL
MBD0017	Inactivated *Escherichia coli* suitable for PCR, sequencing and NGS, $>10^8$ bacteria/mL
MBD0021	Inactivated *Bacillus subtilis* suitable for PCR, sequencing and NGS, $>10^8$ bacteria/mL*

* To be launched soon

To view more information about our products for microbiome research visit:
SigmaAldrich.com/microbiome