

Unearthing the full magnitude of microbiome research

Faster workflows, automation-ready kits, and reduced costs of analysis are driving an explosive increase in our understanding of the human microbiome and microbial communities across our planet. In other words, the scope of microbiome research has grown out of this world.



Let's take a closer look at some key revelations about the microbial world that we live in.

3-10x

More bacterial cells than human cells in the human body.



5-fold

Increase in the ratio of Firmicutes to Bacteroidetes during spaceflight.



>10,000



Different microbial species in the human body.

6,100 bacterial cells/m³



In sea spray aerosol on central California beaches.

3.48 billion

Year-old "microbial fossils" found in Western Australia.

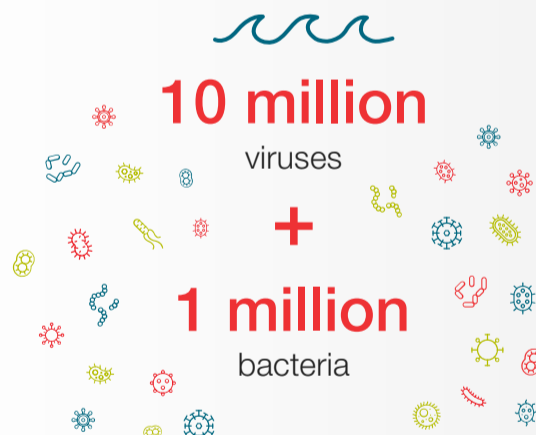


1 mL of seawater contains:

10 million viruses

+

1 million bacteria



40%

Of gut bacteria in breastfed infants, comes from their mothers' breastmilk and skin.

Discover the Power of MagMAX Technology



With MagMAX™ Microbiome Ultra Nucleic Acid Isolation Kits, you can take your microbiome research to the next level. The kit enables the isolation of microbial DNA or RNA from samples including human stool, swabs (rectal, skin, buccal), bodily fluids (urine, saliva, VTM), soil, and beyond. It also helps reduce hands-on time, and improve reproducibility through automated KingFisher™ purification.

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