

MAXimize your understanding of the human microbiome with the Applied Biosystems™ MagMAX™ Microbiome Ultra Nucleic Acid Isolation Kit

10–40
trillion cells

The human body is made up of about 10–40 trillion cells, and bacterial cells outnumber human cells by 3–10 times



The densest representation of microbes is in the human large intestine, which contains 10^{11} – 10^{12} cells per milliliter of fluid contents

96
samples

50 minutes to process stool samples and up to 65 minutes to process all other microbiome types



10 species have been successfully used for microbial stool DNA/RNA purification, from human to fish

Microbiome world



MagMAX kit



The human body is populated by >800 types of bacteria

2–5
pounds

It is thought the human body contains 2–5 pounds of microbes, constituting ~1–3% of our body mass

Yields up to
70 µg

of DNA/RNA from 100 mg of human stool input



>6 protocols for various samples: stool, swabs, transport media, culture media, urine, and saliva

Find out more at thermofisher.com/magmaxmicrobiome

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