

Human Microbiome Market Size, Share, and Analysis, By Product (Drugs, Diagnostic Tests, Probiotics, Prebiotics, Others), By Application (Therapeutics and Diagnostics), By Disease (Infectious Disease, Gastrointestinal Disease, Endocrine & Metabolic Disorders, Cancer, Others Diseases) By Type (FMT, Peptide, Live Biotherapeutic Product, and Others), By End-User (Hospitals & Clinics, Pharmaceutical & Biotechnology Companies, Food Businesses, Others) By Region (North America, Europe, Asia-Pacific, and Rest of the World), And Regional Forecast 2024-2034

<https://marketpublishers.com/r/H578D5A6A703EN.html>

Date: January 2025

Pages: 491

Price: US\$ 5,250.00 (Single User License)

ID: H578D5A6A703EN

Abstracts

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PRODUCT OVERVIEW

Human Microbiome Market is projected to exhibit a Compound Annual Growth Rate (CAGR) of 22.9% during the forecast span from 2024 to 2034. In 2023, the market size was assessed at USD 0.4 billion and is projected to reach USD 3.8 billion by the

completion of 2034.

Human Microbiome refers to the vast collection of microorganisms, including bacteria, viruses, fungi, and other microbes, that reside on and inside the human body. These microorganisms inhabit various sites such as the skin, mouth, gut, and other mucosal surfaces. The gut microbiome, in particular, is the most studied and contains trillions of microbes that play crucial roles in digestion, immune function, and overall health. The microbiome is dynamic and influenced by factors like diet, lifestyle, environment, and antibiotics. It contributes to the development and regulation of the immune system, protects against pathogens, and helps in synthesizing essential nutrients and vitamins. Research into the human microbiome aims to harness its potential for therapeutic interventions and personalized medicine.

MARKET HIGHLIGHTS

Human Microbiome Market is expected to reach USD 3.8 billion during the forecast period, due to increasing research, technological advancements, and rising awareness of the microbiome's role in health and disease. Key highlights include the expansion of microbiome-based therapies, diagnostics, and probiotics, with substantial investments from pharmaceutical companies and venture capitalists. The market encompasses a wide range of applications, including gastrointestinal health, metabolic disorders, immune regulation, and mental health. A high phase in the market is the development of microbiome therapeutics, particularly fecal microbiota transplantation (FMT) and microbiome-modulating drugs. The human microbiome market holds immense potential. Continued research and collaboration among scientists, clinicians, and industry stakeholders are essential to overcoming these obstacles and fully realizing the therapeutic and diagnostic potential of the human microbiome, ultimately leading to innovative healthcare solutions and personalized medicine approaches.

Human Microbiome Market Segments:

By Product

Drugs

Diagnostic Tests

Probiotics

Prebiotics

Others

By Application

Therapeutics

Diagnostics

Others

By Disease

Infectious Disease

Gastrointestinal Disease

Endocrine & Metabolic Disorders

Cancer

Others Diseases

By Type

FMT

Peptide

Live Biotherapeutic Product

Others

By End-User

Hospitals & Clinics

Pharmaceutical & Biotechnology Companies

Food Businesses

Others

MARKET DYNAMICS

Growth Drivers

Technological Advancements in Microbiome Research is Expected to Foster Market Expansion

Rising Incidence of Chronic Diseases drives the demand for innovative microbiome-based therapies and interventions as potential treatments.

Restraint

Limited public awareness and education Can Limit the Growth of the Human Microbiome Market

Key Players

Vedanta Biosciences

Seres Therapeutics

Second Genome

Rebiotix

Microbiome Insights

4D Pharma

Synlogic

Microbiome Therapeutics

AOBiome

uBiome

Finch Therapeutics

Seed Health

Viome

Holobiome

Axial Biotherapeutics

Other Prominent Players (Company Overview, Business Strategy, Key Product Offerings, Financial Performance, Key Performance Indicators, Risk Analysis, Recent Development, Regional Presence, SWOT Analysis)

Global Laboratory Temperature Control Units Market is further segmented by region into:

North America Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR – United States and Canada

Latin America Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR – Mexico, Argentina, Brazil and Rest of Latin America

Europe Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR – United Kingdom, France, Germany, Italy, Spain, Belgium, Hungary, Luxembourg, Netherlands, Poland, NORDIC, Russia, Turkey and Rest of Europe

Asia Pacific Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR – India, China, South Korea, Japan, Malaysia, Indonesia, New Zealand, Australia and Rest of APAC

Middle East and Africa Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR – North Africa, Israel, GCC, South Africa and Rest of MENA

Reasons to Purchase this Report

Qualitative and quantitative analysis of the market based on segmentation involving both economic as well as non-economic factors

Provision of market value (USD Billion) data for each segment and sub-segment

Indicates the region and segment that is expected to witness the fastest growth as well as to dominate the market

Analysis by geography highlighting the consumption of the product/service in the region as well as indicating the factors that are affecting the market within each region

Competitive landscape which incorporates the market ranking of the major players, along with new service/product launches, partnerships, business expansions, and acquisitions in the past five years of companies profiled

Extensive company profiles comprising of company overview, company insights, product benchmarking, and SWOT analysis for the major market players

The current as well as the future market outlook of the industry with respect to recent developments which involve growth opportunities and drivers as well as challenges and restraints of both emerging as well as developed regions

Includes in-depth analysis of the market of various perspectives through Porter's five forces analysis

Provides insight into the market through Value Chain

Market dynamics scenario, along with growth opportunities of the market in the years to come

3-month post-sales analyst support.

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