

Global Human Growth Hormone (HGH) Market Size Study, by Application (Growth Hormone Deficiency, Prader-Willi Syndrome, Turner Syndrome, Small for Gestational Age, Others), by Route of Administration (Oral, Intravenous, Intramuscular, Subcutaneous), by Distribution Channel (Hospital Pharmacy, Retail Pharmacy, Online Pharmacy) and Regional Forecasts 2022-2032

<https://marketpublishers.com/r/GBD1F75C5442EN.html>

Date: October 2024

Pages: 285

Price: US\$ 4,950.00 (Single User License)

ID: GBD1F75C5442EN

Abstracts

The Global Human Growth Hormone (Hgh) market, valued at USD 5.39 Billion in 2023, is expected. This growth is projected to occur at a compound annual growth rate (CAGR) of 9.0% from 2021 to 2030. Human growth hormone, or somatotropin, is a critical peptide hormone produced by the pituitary gland, essential for regulating various physiological processes, including cell growth, regeneration, metabolism, and overall human development. The hormone's role extends beyond growth, aiding in muscle strength, bone density, and recovery from injuries.

The increasing prevalence of growth hormone deficiencies and genetic disorders such as Prader-Willi syndrome and Turner syndrome is driving the demand for hGH therapies. Turner syndrome, a condition characterized by the partial or complete loss of the X chromosome in females, is notably common, affecting approximately 1 in 2,500 live female births. The rising awareness of the importance of hGH in managing these conditions, coupled with advancements in hormone therapies that offer reduced side effects and longer treatment durations, is further propelling market growth.

The ongoing COVID-19 pandemic has highlighted the significance of managing growth

hormone deficiencies, particularly in vulnerable populations such as those with Prader-Willi syndrome and Turner syndrome. The pandemic's impact on global healthcare systems has posed challenges, including delays in diagnosis and treatment. However, the market is expected to recover as healthcare services resume and awareness continues to grow regarding the importance of hGH treatments in managing associated health risks.

The market segmentation reveals that the Turner syndrome application segment held a dominant position in 2020 and is expected to maintain its lead throughout the forecast period. This dominance is attributed to the increasing incidence of Turner syndrome worldwide. In terms of the route of administration, the subcutaneous segment is expected to continue leading the market due to its higher efficacy in hormone absorption compared to other methods. Additionally, the hospital pharmacy segment remains the primary distribution channel, given its accessibility and the availability of recombinant human growth hormones.

The key regions considered in the study include Asia Pacific, North America, Europe, Latin America, and the Middle East and Africa. North America dominated the global human growth hormone market in 2020, driven by factors such as an aging population, the presence of major market players, and ongoing research into innovative hormone therapies. Asia-Pacific is anticipated to witness the highest growth rate during the forecast period, supported by population growth, increasing healthcare awareness, and improvements in healthcare infrastructure.

Major market players included in this report are:

Merck & Co.

Novo Nordisk

Eli Lilly & Company

Pfizer Inc.

Novartis AG

Teva Pharmaceutical Industries

Anhui Anke Biotechnology (Group) Co., Ltd.

Roche

Ipsen

Ferring BV

Anhui Anke Biotechnology Group Co., Ltd.

BioPartners GmbH

GeneScience Pharmaceuticals Co., Ltd.

LG Chem

Ascendis Pharma A/S

The detailed segments and sub-segment of the market are explained below:

By Application:

Growth Hormone Deficiency

Prader-Willi Syndrome

Turner Syndrome

Small for Gestational Age (SGA)

Others

By Route of Administration:

Oral

Intravenous

Intramuscular

Subcutaneous

By Distribution Channel:

Hospital Pharmacy

Retail Pharmacy

Online Pharmacy

By Region:

North America

U.S.

Canada

Europe

Germany

France

UK

Italy

Spain

Rest of Europe

Asia-Pacific

Japan

China

Australia

India

South Korea
Rest of Asia-Pacific

Latin America
Brazil
Mexico
Rest of Latin America

Middle East and Africa
Saudi Arabia
South Africa
Rest of Middle East and Africa

Years considered for the study are as follows:

Historical year – 2022

Base year – 2023

Forecast period – 2024 to 2032

Key Takeaways:

Market Estimates & Forecast for 10 years from 2022 to 2032.

Annualized revenues and regional level analysis for each market segment.

Detailed analysis of geographical landscape with country-level analysis of major regions.

Competitive landscape with information on major players in the market.

Analysis of key business strategies and recommendations on future market approach.

Analysis of competitive structure of the market.

Demand-side and supply-side analysis of the market.

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