

# Global Recombinant Hirudin Supply, Demand and Key Producers, 2023-2029

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# **Abstracts**

The global Recombinant Hirudin market size is expected to reach \$ million by 2029, rising at a market growth of % CAGR during the forecast period (2023-2029).

Hirudin is the most potent natural inhibitor of thrombin. Unlike antithrombin, hirudin binds to and inhibits only the activity of thrombin, with a specific activity on fibrinogen. Therefore, hirudin prevents or dissolves the formation of clots and thrombi (i.e., it has a thrombolytic activity), and has therapeutic value in blood coagulation disorders, in the treatment of skin hematomas and of superficial varicose veins, either as an injectable or a topical application cream. In some aspects, hirudin has advantages over more commonly used anticoagulants and thrombolytics, such as heparin, as it does not interfere with the biological activity of other serum proteins, and can also act on complexed thrombin.

It is difficult to extract large amounts of hirudin from natural sources, so a method for producing and purifying this protein using recombinant biotechnology has been developed. This has led to the development and marketing of a number of hirudin-based anticoagulant pharmaceutical products. Several other direct thrombin inhibitors are derived chemically from hirudin.

Recombinant Hirudin is derived from yeast and the polypeptide chain contains 65 amino acids and its Mw is 6979.5 Dalton which is identical to natural Hirudin except for the substitution of leucine for isoleucine at the N-terminal end of the molecule and the absence of a sulfate group on the tyrosine at position 63. The Recombinant Hirudin is purified by proprietary chromatographic techniques.

This report studies the global Recombinant Hirudin production, demand, key



manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Recombinant Hirudin, and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2022 as the base year. This report explores demand trends and competition, as well as details the characteristics of Recombinant Hirudin that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Recombinant Hirudin total production and demand, 2018-2029, (K Units)

Global Recombinant Hirudin total production value, 2018-2029, (USD Million)

Global Recombinant Hirudin production by region & country, production, value, CAGR, 2018-2029, (USD Million) & (K Units)

Global Recombinant Hirudin consumption by region & country, CAGR, 2018-2029 & (K Units)

U.S. VS China: Recombinant Hirudin domestic production, consumption, key domestic manufacturers and share

Global Recombinant Hirudin production by manufacturer, production, price, value and market share 2018-2023, (USD Million) & (K Units)

Global Recombinant Hirudin production by Type, production, value, CAGR, 2018-2029, (USD Million) & (K Units)

Global Recombinant Hirudin production by Application production, value, CAGR, 2018-2029, (USD Million) & (K Units)

This reports profiles key players in the global Recombinant Hirudin market based on the following parameters – company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Abbott, The Medicines Company, Teva Pharmaceutical, Pfizer, Pentapharm, PrimeGene, Aniara Diagnostica, Bioassay Technology Laboratory and Novus Biologicals, etc.



This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals, COVID-19 and Russia-Ukraine War Influence.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Recombinant Hirudin market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (K Units) and average price (US\$/Unit) by manufacturer, by Type, and by Application. Data is given for the years 2018-2029 by year with 2022 as the base year, 2023 as the estimate year, and 2024-2029 as the forecast year.

Global Recombinant Hirudin Market, By Region:

United States
China
Europe
Japan
South Korea
ASEAN
India
Rest of World

Global Recombinant Hirudin Market, Segmentation by Type

12000ATU/mg

16000ATU/mg



# Global Recombinant Hirudin Market, Segmentation by Application

Thrombosis Disease		
Tumor Disease		
Companies Profiled:		
Abbott		
The Medicines Company		
Teva Pharmaceutical		
Pfizer		
Pentapharm		
PrimeGene		
Aniara Diagnostica		
Bioassay Technology Laboratory		
Novus Biologicals		
Merck KGaA		
Key Questions Answered		
1. How big is the global Recombinant Hirudin market?		

- 2. What is the demand of the global Recombinant Hirudin market?
- 3. What is the year over year growth of the global Recombinant Hirudin market?
- 4. What is the production and production value of the global Recombinant Hirudin



## market?

- 5. Who are the key producers in the global Recombinant Hirudin market?
- 6. What are the growth factors driving the market demand?



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