

# Global Hirudin Market by Manufacturers, Regions, Type and Application, Forecast to 2023

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# **Abstracts**

This report studies the Hirudin market. Hirudin is a naturally occurring peptide in the salivary glands of medicinal leeches (such as Hirudo medicinalis) that has a blood anticoagulant property. Hirudin is the most potent natural inhibitor of thrombin.

Hirudin (hirudin) is a Leech (Leech) and salivary glands have been extracted from a variety of active ingredients in the activity of the most significant and most studied ingredients, which is 65-66 amino acids from the small molecules of protein (peptide). Hirudin have strong inhibitory effect on thrombin is the strongest so far found in the natural specific inhibitor of thrombin. Animal experiments and clinical studies have shown that hirudin can be effective anticoagulant, antithrombotic, and prevent thrombin-catalyzed activation of coagulation factors and platelet reactions and blood stasis phenomenon further. In addition, it also inhibited thrombin-induced fibroblast proliferation, and thrombin stimulation of endothelial cells. Compared with heparin, which not only use less, do not cause bleeding, is not dependent on endogenous cofactor; and heparin have caused the risk of bleeding, disseminated intravascular coagulation in the pathogenesis of antithrombin III are reduced This will limit the efficacy of heparin, using leeches will have good results.

### Scope of the Report:

This report focuses on the Hirudin in global market, especially in North America, Europe and Asia-Pacific, South America, Middle East and Africa. This report categorizes the market based on manufacturers, regions, type and application.

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According to the statistical data, Demand cannot be satisfied with supply. Currently, Hirudin market has a certain potential in USA, Europe and Asia Market. These areas demand are rapidly growth.

In recent years in China as the main ingredient to hirudin, there are many kinds of proprietary Chinese medicines, such as cerebral blood oral liquid, tablets thrombosis, blood capsule, with its annual output value of tens of millions. New drugs with leeches are constantly studied and introduced. Genetic engineering of recombinant leech-like peptide drugs to replace or hirudin as anticoagulant drug additives stasis, which can be achieved in the near future. As the injection for the treatment of cardiovascular diseases and cancer drugs, the need for further clinical research. Needless to say, recombinant hirudin-like peptide drug development will bring huge social and economic benefits. The worldwide market for Hirudin is expected to grow at a CAGR of roughly 3.5% over the next five years, will reach 4240 million US\$ in 2023, from 3450 million US\$ in 2017, according to a new GIR (Global Info Research) study.

Market Segment by Manufacturers, this report covers

The Medicines Company
Keyken
Minapharm
Abbott
SALUBRIS
Pfizer, Inc
Teva Pharmaceutical Industries Ltd
DUOPUTAI
Pentapharm



Market Segment by Regions, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, UK, Russia and Italy)

Asia-Pacific (China, Japan, Korea, India and Southeast Asia)

South America (Brazil, Argentina, Colombia etc.)

Middle East and Africa (Saudi Arabia, UAE, Egypt, Nigeria and South Africa)

Market Segment by Type, covers

Natural Hirudin

Recombinant Hirudin

Market Segment by Applications, can be divided into

Thrombosis Disease

**Tumor Disease** 

Others

There are 15 Chapters to deeply display the global Hirudin market.

Chapter 1, to describe Hirudin Introduction, product scope, market overview, market opportunities, market risk, market driving force;

Chapter 2, to analyze the top manufacturers of Hirudin, with sales, revenue, and price of Hirudin, in 2016 and 2017;

Chapter 3, to display the competitive situation among the top manufacturers, with sales, revenue and market share in 2016 and 2017;



Chapter 4, to show the global market by regions, with sales, revenue and market share of Hirudin, for each region, from 2013 to 2018;

Chapter 5, 6, 7, 8 and 9, to analyze the market by countries, by type, by application and by manufacturers, with sales, revenue and market share by key countries in these regions;

Chapter 10 and 11, to show the market by type and application, with sales market share and growth rate by type, application, from 2013 to 2018;

Chapter 12, Hirudin market forecast, by regions, type and application, with sales and revenue, from 2018 to 2023;

Chapter 13, 14 and 15, to describe Hirudin sales channel, distributors, traders, dealers, Research Findings and Conclusion, appendix and data source



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