

# COVID-19 World Keyhole Limpet Hemocyanin (KLH) Market Research Report (by Product Type, EndUser/Application and Regions/Countries)

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# **Abstracts**

#### SUMMARY

KLH, which can be used as an active pharmaceutical ingredient ("API"), is a very large, high molecular weight, oxygen-carrying glycoprotein made of millions of atoms. There are two KLH subunit forms, KLH1 and KLH2, each composed of seven or eight functional units, with each functional unit having an oxygen binding site of two copper atoms. Keyhole limpet hemocyanin is an extremely large, heterogeneous glycosylated protein consisting of subunits with a molecular weight of 350,000 and 390,000 in aggregates with molecular weights of 4,500,000-13,000,000. Each domain of a KLH subunit contains two copper atoms that together bind a single oxygen molecule (O2). The KLH protein is potently immunogenic yet safe in humans and is therefore highly prized as a vaccine carrier protein.

This report includes market status and forecast of global and major regions, with introduction of vendors, regions, product types and end industries; and this report counts product types and end industries in global and major regions.

The report includes as follows:

The report provides current data, historical overview and future forecast.

The report includes an in-depth analysis of the Global market for Keyhole Limpet Hemocyanin (KLH), covering Global total and major region markets.

The data of 2017-2025 are included. All-inclusive market are given through data on sales, consumption, and prices (Global total and by major regions).

The report provides introduction of leading Global manufacturers.



Keyhole Limpet Hemocyanin (KLH) market prospects to 2025 are included (in sales, consumption and price).

Market Segment as follows:

By Region / Countries

North America (U.S., Canada, Mexico)

Europe (Germany, U.K., France, Italy, Russia, Spain etc)

Asia-Pacific (China, India, Japan, Southeast Asia etc)

South America (Brazil, Argentina etc)

Middle East & Africa (Saudi Arabia, South Africa etc)

By Type

**GMP/Clinic Grade** 

Research Grade

By End-User / Application

Laboratory

Pharmaceuticals

By Company

biosyn Corporation

Stellar Biotechnologies

Sigma-Aldrich Fine Chemicals



Thermo-Fisher Scientific

**G-Biosciences** 



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