

# Global Keyhole Limpet Hemocyanin (KLH) Market Analysis 2015-2019 and Forecast 2020-2025

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## **Abstracts**

#### **SNAPSHOT**

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.

The global Keyhole Limpet Hemocyanin (KLH) market size is estimated at xxx million USD with a CAGR xx% from 2015-2019 and is expected to reach xxx Million USD in 2020 with a CAGR xx% from 2020 to 2025. The report begins from overview of Industry Chain structure, and describes industry environment, then analyses market size and forecast of Keyhole Limpet Hemocyanin (KLH) by product, region and application, in addition, this report introduces market competition situation among the vendors and company profile, besides, market price analysis and value chain features are covered in this report.

Product Type Coverage (Market Size & Forecast, Major Company of Product Type etc.):

GMP/Clinic Grade



#### Research Grade

Company Coverage (Company Profile,	Sales Revenue,	Price,	Gross	Margin,	Main
Products etc.):					

biosyn Corporation

Stellar Biotechnologies

Sigma-Aldrich Fine Chemicals

Thermo-Fisher Scientific

**G-Biosciences** 

Application Coverage (Market Size & Forecast, Different Demand Market by Region, Main Consumer Profile etc.):

Laboratory

**Pharmaceuticals** 

Region Coverage (Regional Production, Demand & Forecast by Countries etc.):

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.)



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