

Europe Aquaculture Vaccines Market Forecast to 2028 – COVID-19 Impact and Regional Analysis – by Type of Vaccine (Live Vaccine, Inactivated Vaccine, and Others), Species (Tilapia, Trout, Salmon, Shrimps, and Others), and Route of Administration (Injection Vaccines, Immersion Vaccines, and Oral Vaccines)

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Abstracts

The Europe aquaculture vaccines market is expected to grow from US\$ 98.58 million in 2022 to US\$ 202.54 million by 2028. It is estimated to grow at a CAGR of 12.8% from 2022 to 2028.

Surging Demand for Aquatic Animal-Derived Food Products is Driving the Europe Aquaculture Vaccines Market

The growing demand for aquatic animal-derived food products such as oil, caviar, protein powders, and meat encourages farmers to use vaccinations for aquaculture to gain high profitability. Consumers are becoming aware of the nutritious value of animal protein. The demand for healthy, sustainable, and high-quality meat products with fewer or no drugs is also increasing rapidly. Regular fish consumption is widely promoted as a part of a healthy diet. Fishes have a high protein content compared to terrestrial animal meat and have a lower feed conversion rate (FCR) than land animals, and more protein can be produced using this lower feed rate from fish. Furthermore, fish protein is highly digestible and rich in essential amino acids that are low in animal-sourced protein. Fish and shellfish consumption can decrease the risk of heart disease, inflammation, and arthritis. The health benefits of fish are mainly linked to the presence of long-chain omega 3 (n -3) polyunsaturated fatty acids (PUFA). In addition, fish protein is a rich source of bioactive peptides. These can offer many positive health benefits if they are



consumed in an appropriate concentration and bioavailable within the human body. Further, health benefits include the control of blood pressure through the inhibition of enzymes within the renin-angiotensin-aldosterone system (RAAS); maintenance of bone health; control of inflammation (antioxidant peptides), mental health through the action of opioid peptides and platelet-activating factor acetyl-hydrolase inhibitory (PAF-AH) peptides), and several other bioactivities. Thus, the need for healthy breeding of aquatic animals is increasing, propelling the Europe aquaculture vaccines market.

Europe Aquaculture Vaccines Market Overview

The Europe aquaculture vaccines market is segmented into Germany, the UK, France, Italy, Spain, and the Rest of Europe. The region holds a significant market share in the aquaculture vaccines market. The European aquaculture vaccines market is expected to witness significant growth during the forecast period due to factors such as the significant growth in aquaculture industry, surging demand for aquatic animal-derived food products, growing research and development activities for aquaculture vaccines development by market players in the region.

The UK is one of the major fisheries and aquaculture nations in Europe. The OECD Review of Fisheries 2020, In 2018, the UK produced 0.9 million tonnes of fish, with a value of US\$ 2667.2 million. 50% of this value came from aquaculture and 50% from fisheries. Between 2008 and 2018, the quantity produced improved by 17%, while its value increased by 25%. The UK is a net importer of fish and fish products. Between 2008 and 2018, exports grew by a total of 18%. DNA vaccines have the potential to enable cost-efficient, safe, and more effective immunization with shorter production timelines, improving availability. DNA vaccines have already been shown to be safe and effective, with approvals already granted for veterinary use. However, these have shown some limitations in terms of commercial scalability, which resulted in limited widespread adoption. Thus, the increasing aquaculture production, and market players are adopting inorganic growth strategies are likely to foster the growth of the Europe aquaculture vaccines market during the forecast period.

Europe Aquaculture Vaccines Market Revenue and Forecast to 2028 (US\$ Million)

Europe Aquaculture Vaccines Market Segmentation

The Europe aquaculture vaccines market is segmented into type of vaccine, species, route of administration, and country.



Based on type of vaccine the Europe aquaculture vaccines market, is segmented into live vaccines, inactivated vaccines, other vaccines. The inactivated vaccines segment held the largest market share in in 2022.

Based on species, the Europe aquaculture vaccines market is divided into tilapia, trout, salmon, shrimps, and others. The salmon segment held the largest share of the market in 2022.

Based on route of administration the Europe aquaculture vaccines market, is segmented into injection vaccines, immersions vaccines, and oral vaccines. The injection vaccines segment held the largest share of the market in 2022.

Based on country, the Europe aquaculture vaccines market is segmented into the Germany, the UK, France, Italy, Spain, Norway, and the Rest of Europe. Norway dominated the aquaculture vaccines market share in 2022.

Microsynbiotix Ltd; HIPRA SA; Merck & Co Inc.; Zoetis Inc.; Phibro Animal Health Corp; and Elanco Animal Health Inc. are the leading companies operating in the Europe aquaculture vaccines market.



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