

# Toxoid Vaccines Market, Global Outlook and Forecast 2022-2028

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## Abstracts

For bacteria that secrete toxins, or harmful chemicals, a toxoid vaccine might be the answer. These vaccines are used when a bacterial toxin is the main cause of illness. Scientists have found that they can inactivate toxins by treating them with formalin, a solution of formaldehyde and sterilized water. Such “detoxified” toxins, called toxoids, are safe for use in vaccines.

When the immune system receives a vaccine containing a harmless toxoid, it learns how to fight off the natural toxin. The immune system produces antibodies that lock onto and block the toxin. Vaccines against diphtheria and tetanus are examples of toxoid vaccines.

This report contains market size and forecasts of Toxoid Vaccines in global, including the following market information:

Global Toxoid Vaccines Market Revenue, 2017-2022, 2023-2028, (\$ millions)

Global Toxoid Vaccines Market Sales, 2017-2022, 2023-2028, (K Units)

Global top five Toxoid Vaccines companies in 2021 (%)

The global Toxoid Vaccines market was valued at million in 2021 and is projected to reach US\$ million by 2028, at a CAGR of % during the forecast period.

The U.S. Market is Estimated at \$ Million in 2021, While China is Forecast to Reach \$ Million by 2028.

Monovalent Tetanus Toxoid (TT) Segment to Reach \$ Million by 2028, with a % CAGR in next six years.

The global key manufacturers of Toxoid Vaccines include GlaxoSmithKline, Merck, Pfizer, Sanofi Pasteur, AstraZeneca, Bharat Biotech, Shenzhen Kangtai Biological Products, Bausch Health and Emergent Biosolutions, etc. In 2021, the global top five players have a share approximately % in terms of revenue.

MARKET MONITOR GLOBAL, INC (MMG) has surveyed the Toxoid Vaccines manufacturers, suppliers, distributors and industry experts on this industry, involving the sales, revenue, demand, price change, product type, recent development and plan, industry trends, drivers, challenges, obstacles, and potential risks.

Total Market by Segment:

Global Toxoid Vaccines Market, by Type, 2017-2022, 2023-2028 (\$ Millions) & (K Units)

Global Toxoid Vaccines Market Segment Percentages, by Type, 2021 (%)

Monovalent Tetanus Toxoid (TT)

Diphtheria

Tetanus

Pertussis (DTaP)

Diphtheria and Tetanus (DT)

Global Toxoid Vaccines Market, by Application, 2017-2022, 2023-2028 (\$ Millions) & (K Units)

Global Toxoid Vaccines Market Segment Percentages, by Application, 2021 (%)

Hospitals And Clinics

Government Organizations

Research

Others

Global Toxoid Vaccines Market, By Region and Country, 2017-2022, 2023-2028 (\$ Millions) & (K Units)

Global Toxoid Vaccines Market Segment Percentages, By Region and Country, 2021 (%)

North America

US

Canada

Mexico

Europe

Germany

France

U.K.

Italy

Russia

Nordic Countries

Benelux

Rest of Europe

Asia

China

Japan

South Korea

Southeast Asia

India

Rest of Asia

South America

Brazil

Argentina

Rest of South America

Middle East & Africa

Turkey

Israel

Saudi Arabia

UAE

Rest of Middle East & Africa

## Competitor Analysis

The report also provides analysis of leading market participants including:

Key companies Toxoid Vaccines revenues in global market, 2017-2022 (Estimated), (\$ millions)

Key companies Toxoid Vaccines revenues share in global market, 2021 (%)

Key companies Toxoid Vaccines sales in global market, 2017-2022 (Estimated), (K Units)

Key companies Toxoid Vaccines sales share in global market, 2021 (%)

Further, the report presents profiles of competitors in the market, key players include:

GlaxoSmithKline

Merck

Pfizer

Sanofi Pasteur

AstraZeneca

Bharat Biotech

Shenzhen Kangtai Biological Products

Bausch Health

Emergent Biosolutions

Astellas Pharma

Panacea Biotec

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