

Human DNA Vaccines Market, Global Outlook and Forecast 2022-2028

<https://marketpublishers.com/r/H4B44BB3767AEN.html>

Date: March 2022

Pages: 64

Price: US\$ 3,250.00 (Single User License)

ID: H4B44BB3767AEN

Abstracts

DNA vaccines have evolved greatly over the last 20 years since their invention, but have yet to become a competitive alternative to conventional protein or carbohydrate based human vaccines. Whilst safety concerns were an initial barrier, the Achilles heel of DNA vaccines remains their poor immunogenicity when compared to protein vaccines. A wide variety of strategies have been developed to optimize DNA vaccine immunogenicity, including codon optimization, genetic adjuvants, electroporation and sophisticated prime-boost regimens, with each of these methods having its advantages and limitations. Whilst each of these methods has contributed to incremental improvements in DNA vaccine efficacy, more is still needed if human DNA vaccines are to succeed commercially.

This report contains market size and forecasts of Human DNA Vaccines in Global, including the following market information:

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

Global top five companies in 2021 (%)

The global Human DNA 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.

Recombinant Protein Vaccine Segment to Reach \$ Million by 2028, with a % CAGR in next six years.

The global key manufacturers of Human DNA Vaccines include Merck, GSK, Sanofi, Zoties, Elanco, Boehringer-Ingelheim, Indian Immunologicals and Plumblin Life Sciences, etc. In 2021, the global top five players have a share approximately % in terms of revenue.

MARKET MONITOR GLOBAL, INC (MMG) has surveyed the Human DNA Vaccines companies, and industry experts on this industry, involving the revenue, demand, product type, recent developments and plans, industry trends, drivers, challenges, obstacles, and potential risks.

Total Market by Segment:

Global Human DNA Vaccines Market, by Type, 2017-2022, 2023-2028 (\$ millions)

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

Recombinant Protein Vaccine

Gene-Based Vaccine

Global Human DNA Vaccines Market, by Application, 2017-2022, 2023-2028 (\$ millions)

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

Influenza

Human Papillomavirus

HIV

Global Human DNA Vaccines Market, By Region and Country, 2017-2022, 2023-2028 (\$ Millions)

Global Human DNA 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 Human DNA Vaccines revenues in global market, 2017-2022
(estimated), (\$ millions)

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

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

Merck

GSK

Sanofi

Zoties

Elanco

Boehringer-Ingelheim

Indian Immunologicals

Plumblin Life Sciences

Contents

1 INTRODUCTION TO RESEARCH & ANALYSIS REPORTS

- 1.1 Human DNA Vaccines Market Definition
- 1.2 Market Segments
 - 1.2.1 Market by Type
 - 1.2.2 Market by Application
- 1.3 Global Human DNA Vaccines Market Overview
- 1.4 Features & Benefits of This Report
- 1.5 Methodology & Sources of Information
 - 1.5.1 Research Methodology
 - 1.5.2 Research Process
 - 1.5.3 Base Year
 - 1.5.4 Report Assumptions & Caveats

2 GLOBAL HUMAN DNA VACCINES OVERALL MARKET SIZE

- 2.1 Global Human DNA Vaccines Market Size: 2021 VS 2028
- 2.2 Global Human DNA Vaccines Market Size, Prospects & Forecasts: 2017-2028
- 2.3 Key Market Trends, Opportunity, Drivers and Restraints
 - 2.3.1 Market Opportunities & Trends
 - 2.3.2 Market Drivers
 - 2.3.3 Market Restraints

3 COMPANY LANDSCAPE

- 3.1 Top Human DNA Vaccines Players in Global Market
- 3.2 Top Global Human DNA Vaccines Companies Ranked by Revenue
- 3.3 Global Human DNA Vaccines Revenue by Companies
- 3.4 Top 3 and Top 5 Human DNA Vaccines Companies in Global Market, by Revenue in 2021
- 3.5 Global Companies Human DNA Vaccines Product Type
- 3.6 Tier 1, Tier 2 and Tier 3 Human DNA Vaccines Players in Global Market
 - 3.6.1 List of Global Tier 1 Human DNA Vaccines Companies
 - 3.6.2 List of Global Tier 2 and Tier 3 Human DNA Vaccines Companies

4 MARKET SIGHTS BY PRODUCT

4.1 Overview

- 4.1.1 by Type - Global Human DNA Vaccines Market Size Markets, 2021 & 2028
- 4.1.2 Recombinant Protein Vaccine
- 4.1.3 Gene-Based Vaccine

4.2 By Type - Global Human DNA Vaccines Revenue & Forecasts

- 4.2.1 By Type - Global Human DNA Vaccines Revenue, 2017-2022
- 4.2.2 By Type - Global Human DNA Vaccines Revenue, 2023-2028
- 4.2.3 By Type - Global Human DNA Vaccines Revenue Market Share, 2017-2028

5 SIGHTS BY APPLICATION

5.1 Overview

- 5.1.1 By Application - Global Human DNA Vaccines Market Size, 2021 & 2028
- 5.1.2 Influenza
- 5.1.3 Human Papillomavirus
- 5.1.4 HIV

5.2 By Application - Global Human DNA Vaccines Revenue & Forecasts

- 5.2.1 By Application - Global Human DNA Vaccines Revenue, 2017-2022
- 5.2.2 By Application - Global Human DNA Vaccines Revenue, 2023-2028
- 5.2.3 By Application - Global Human DNA Vaccines Revenue Market Share, 2017-2028

6 SIGHTS BY REGION

6.1 By Region - Global Human DNA Vaccines Market Size, 2021 & 2028

6.2 By Region - Global Human DNA Vaccines Revenue & Forecasts

- 6.2.1 By Region - Global Human DNA Vaccines Revenue, 2017-2022
- 6.2.2 By Region - Global Human DNA Vaccines Revenue, 2023-2028
- 6.2.3 By Region - Global Human DNA Vaccines Revenue Market Share, 2017-2028

6.3 North America

- 6.3.1 By Country - North America Human DNA Vaccines Revenue, 2017-2028
- 6.3.2 US Human DNA Vaccines Market Size, 2017-2028
- 6.3.3 Canada Human DNA Vaccines Market Size, 2017-2028
- 6.3.4 Mexico Human DNA Vaccines Market Size, 2017-2028

6.4 Europe

- 6.4.1 By Country - Europe Human DNA Vaccines Revenue, 2017-2028
- 6.4.2 Germany Human DNA Vaccines Market Size, 2017-2028
- 6.4.3 France Human DNA Vaccines Market Size, 2017-2028
- 6.4.4 U.K. Human DNA Vaccines Market Size, 2017-2028

6.4.5 Italy Human DNA Vaccines Market Size, 2017-2028

6.4.6 Russia Human DNA Vaccines Market Size, 2017-2028

6.4.7 Nordic Countries Human DNA Vaccines Market Size, 2017-2028

6.4.8 Benelux Human DNA Vaccines Market Size, 2017-2028

6.5 Asia

6.5.1 By Region - Asia Human DNA Vaccines Revenue, 2017-2028

6.5.2 China Human DNA Vaccines Market Size, 2017-2028

6.5.3 Japan Human DNA Vaccines Market Size, 2017-2028

6.5.4 South Korea Human DNA Vaccines Market Size, 2017-2028

6.5.5 Southeast Asia Human DNA Vaccines Market Size, 2017-2028

6.5.6 India Human DNA Vaccines Market Size, 2017-2028

6.6 South America

6.6.1 By Country - South America Human DNA Vaccines Revenue, 2017-2028

6.6.2 Brazil Human DNA Vaccines Market Size, 2017-2028

6.6.3 Argentina Human DNA Vaccines Market Size, 2017-2028

6.7 Middle East & Africa

6.7.1 By Country - Middle East & Africa Human DNA Vaccines Revenue, 2017-2028

6.7.2 Turkey Human DNA Vaccines Market Size, 2017-2028

6.7.3 Israel Human DNA Vaccines Market Size, 2017-2028

6.7.4 Saudi Arabia Human DNA Vaccines Market Size, 2017-2028

6.7.5 UAE Human DNA Vaccines Market Size, 2017-2028

7 PLAYERS PROFILES

7.1 Merck

7.1.1 Merck Corporate Summary

7.1.2 Merck Business Overview

7.1.3 Merck Human DNA Vaccines Major Product Offerings

7.1.4 Merck Human DNA Vaccines Revenue in Global Market (2017-2022)

7.1.5 Merck Key News

7.2 GSK

7.2.1 GSK Corporate Summary

7.2.2 GSK Business Overview

7.2.3 GSK Human DNA Vaccines Major Product Offerings

7.2.4 GSK Human DNA Vaccines Revenue in Global Market (2017-2022)

7.2.5 GSK Key News

7.3 Sanofi

7.3.1 Sanofi Corporate Summary

7.3.2 Sanofi Business Overview

7.3.3 Sanofi Human DNA Vaccines Major Product Offerings

7.3.4 Sanofi Human DNA Vaccines Revenue in Global Market (2017-2022)

7.3.5 Sanofi Key News

7.4 Zoties

7.4.1 Zoties Corporate Summary

7.4.2 Zoties Business Overview

7.4.3 Zoties Human DNA Vaccines Major Product Offerings

7.4.4 Zoties Human DNA Vaccines Revenue in Global Market (2017-2022)

7.4.5 Zoties Key News

7.5 Elanco

7.5.1 Elanco Corporate Summary

7.5.2 Elanco Business Overview

7.5.3 Elanco Human DNA Vaccines Major Product Offerings

7.5.4 Elanco Human DNA Vaccines Revenue in Global Market (2017-2022)

7.5.5 Elanco Key News

7.6 Boehringer-Ingelheim

7.6.1 Boehringer-Ingelheim Corporate Summary

7.6.2 Boehringer-Ingelheim Business Overview

7.6.3 Boehringer-Ingelheim Human DNA Vaccines Major Product Offerings

7.6.4 Boehringer-Ingelheim Human DNA Vaccines Revenue in Global Market
(2017-2022)

7.6.5 Boehringer-Ingelheim Key News

7.7 Indian Immunologicals

7.7.1 Indian Immunologicals Corporate Summary

7.7.2 Indian Immunologicals Business Overview

7.7.3 Indian Immunologicals Human DNA Vaccines Major Product Offerings

7.7.4 Indian Immunologicals Human DNA Vaccines Revenue in Global Market
(2017-2022)

7.7.5 Indian Immunologicals Key News

7.8 Plumblin Life Sciences

7.8.1 Plumblin Life Sciences Corporate Summary

7.8.2 Plumblin Life Sciences Business Overview

7.8.3 Plumblin Life Sciences Human DNA Vaccines Major Product Offerings

7.8.4 Plumblin Life Sciences Human DNA Vaccines Revenue in Global Market
(2017-2022)

7.8.5 Plumblin Life Sciences Key News

8 CONCLUSION

9 APPENDIX

9.1 Note

9.2 Examples of Clients

9.3 Disclaimer

List Of Tables

LIST OF TABLES

- Table 1. Human DNA Vaccines Market Opportunities & Trends in Global Market
- Table 2. Human DNA Vaccines Market Drivers in Global Market
- Table 3. Human DNA Vaccines Market Restraints in Global Market
- Table 4. Key Players of Human DNA Vaccines in Global Market
- Table 5. Top Human DNA Vaccines Players in Global Market, Ranking by Revenue (2021)
- Table 6. Global Human DNA Vaccines Revenue by Companies, (US\$, Mn), 2017-2022
- Table 7. Global Human DNA Vaccines Revenue Share by Companies, 2017-2022
- Table 8. Global Companies Human DNA Vaccines Product Type
- Table 9. List of Global Tier 1 Human DNA Vaccines Companies, Revenue (US\$, Mn) in 2021 and Market Share
- Table 10. List of Global Tier 2 and Tier 3 Human DNA Vaccines Companies, Revenue (US\$, Mn) in 2021 and Market Share
- Table 11. By Type – Global Human DNA Vaccines Revenue, (US\$, Mn), 2021 & 2028
- Table 12. By Type - Human DNA Vaccines Revenue in Global (US\$, Mn), 2017-2022
- Table 13. By Type - Human DNA Vaccines Revenue in Global (US\$, Mn), 2023-2028
- Table 14. By Application – Global Human DNA Vaccines Revenue, (US\$, Mn), 2021 & 2028
- Table 15. By Application - Human DNA Vaccines Revenue in Global (US\$, Mn), 2017-2022
- Table 16. By Application - Human DNA Vaccines Revenue in Global (US\$, Mn), 2023-2028
- Table 17. By Region – Global Human DNA Vaccines Revenue, (US\$, Mn), 2021 & 2028
- Table 18. By Region - Global Human DNA Vaccines Revenue (US\$, Mn), 2017-2022
- Table 19. By Region - Global Human DNA Vaccines Revenue (US\$, Mn), 2023-2028
- Table 20. By Country - North America Human DNA Vaccines Revenue, (US\$, Mn), 2017-2022
- Table 21. By Country - North America Human DNA Vaccines Revenue, (US\$, Mn), 2023-2028
- Table 22. By Country - Europe Human DNA Vaccines Revenue, (US\$, Mn), 2017-2022
- Table 23. By Country - Europe Human DNA Vaccines Revenue, (US\$, Mn), 2023-2028
- Table 24. By Region - Asia Human DNA Vaccines Revenue, (US\$, Mn), 2017-2022
- Table 25. By Region - Asia Human DNA Vaccines Revenue, (US\$, Mn), 2023-2028
- Table 26. By Country - South America Human DNA Vaccines Revenue, (US\$, Mn), 2017-2022

Table 27. By Country - South America Human DNA Vaccines Revenue, (US\$, Mn), 2023-2028

Table 28. By Country - Middle East & Africa Human DNA Vaccines Revenue, (US\$, Mn), 2017-2022

Table 29. By Country - Middle East & Africa Human DNA Vaccines Revenue, (US\$, Mn), 2023-2028

Table 30. Merck Corporate Summary

Table 31. Merck Human DNA Vaccines Product Offerings

Table 32. Merck Human DNA Vaccines Revenue (US\$, Mn), (2017-2022)

Table 33. GSK Corporate Summary

Table 34. GSK Human DNA Vaccines Product Offerings

Table 35. GSK Human DNA Vaccines Revenue (US\$, Mn), (2017-2022)

Table 36. Sanofi Corporate Summary

Table 37. Sanofi Human DNA Vaccines Product Offerings

Table 38. Sanofi Human DNA Vaccines Revenue (US\$, Mn), (2017-2022)

Table 39. Zoties Corporate Summary

Table 40. Zoties Human DNA Vaccines Product Offerings

Table 41. Zoties Human DNA Vaccines Revenue (US\$, Mn), (2017-2022)

Table 42. Elanco Corporate Summary

Table 43. Elanco Human DNA Vaccines Product Offerings

Table 44. Elanco Human DNA Vaccines Revenue (US\$, Mn), (2017-2022)

Table 45. Boehringer-Ingelheim Corporate Summary

Table 46. Boehringer-Ingelheim Human DNA Vaccines Product Offerings

Table 47. Boehringer-Ingelheim Human DNA Vaccines Revenue (US\$, Mn), (2017-2022)

Table 48. Indian Immunologicals Corporate Summary

Table 49. Indian Immunologicals Human DNA Vaccines Product Offerings

Table 50. Indian Immunologicals Human DNA Vaccines Revenue (US\$, Mn), (2017-2022)

Table 51. Plumblin Life Sciences Corporate Summary

Table 52. Plumblin Life Sciences Human DNA Vaccines Product Offerings

Table 53. Plumblin Life Sciences Human DNA Vaccines Revenue (US\$, Mn), (2017-2022)

List Of Figures

LIST OF FIGURES

- Figure 1. Human DNA Vaccines Segment by Type in 2021
- Figure 2. Human DNA Vaccines Segment by Application in 2021
- Figure 3. Global Human DNA Vaccines Market Overview: 2021
- Figure 4. Key Caveats
- Figure 5. Global Human DNA Vaccines Market Size: 2021 VS 2028 (US\$, Mn)
- Figure 6. Global Human DNA Vaccines Revenue, 2017-2028 (US\$, Mn)
- Figure 7. The Top 3 and 5 Players Market Share by Human DNA Vaccines Revenue in 2021
- Figure 8. By Type - Global Human DNA Vaccines Revenue Market Share, 2017-2028
- Figure 9. By Application - Global Human DNA Vaccines Revenue Market Share, 2017-2028
- Figure 10. By Region - Global Human DNA Vaccines Revenue Market Share, 2017-2028
- Figure 11. By Country - North America Human DNA Vaccines Revenue Market Share, 2017-2028
- Figure 12. US Human DNA Vaccines Revenue, (US\$, Mn), 2017-2028
- Figure 13. Canada Human DNA Vaccines Revenue, (US\$, Mn), 2017-2028
- Figure 14. Mexico Human DNA Vaccines Revenue, (US\$, Mn), 2017-2028
- Figure 15. By Country - Europe Human DNA Vaccines Revenue Market Share, 2017-2028
- Figure 16. Germany Human DNA Vaccines Revenue, (US\$, Mn), 2017-2028
- Figure 17. France Human DNA Vaccines Revenue, (US\$, Mn), 2017-2028
- Figure 18. U.K. Human DNA Vaccines Revenue, (US\$, Mn), 2017-2028
- Figure 19. Italy Human DNA Vaccines Revenue, (US\$, Mn), 2017-2028
- Figure 20. Russia Human DNA Vaccines Revenue, (US\$, Mn), 2017-2028
- Figure 21. Nordic Countries Human DNA Vaccines Revenue, (US\$, Mn), 2017-2028
- Figure 22. Benelux Human DNA Vaccines Revenue, (US\$, Mn), 2017-2028
- Figure 23. By Region - Asia Human DNA Vaccines Revenue Market Share, 2017-2028
- Figure 24. China Human DNA Vaccines Revenue, (US\$, Mn), 2017-2028
- Figure 25. Japan Human DNA Vaccines Revenue, (US\$, Mn), 2017-2028
- Figure 26. South Korea Human DNA Vaccines Revenue, (US\$, Mn), 2017-2028
- Figure 27. Southeast Asia Human DNA Vaccines Revenue, (US\$, Mn), 2017-2028
- Figure 28. India Human DNA Vaccines Revenue, (US\$, Mn), 2017-2028
- Figure 29. By Country - South America Human DNA Vaccines Revenue Market Share, 2017-2028

Figure 30. Brazil Human DNA Vaccines Revenue, (US\$, Mn), 2017-2028

Figure 31. Argentina Human DNA Vaccines Revenue, (US\$, Mn), 2017-2028

Figure 32. By Country - Middle East & Africa Human DNA Vaccines Revenue Market Share, 2017-2028

Figure 33. Turkey Human DNA Vaccines Revenue, (US\$, Mn), 2017-2028

Figure 34. Israel Human DNA Vaccines Revenue, (US\$, Mn), 2017-2028

Figure 35. Saudi Arabia Human DNA Vaccines Revenue, (US\$, Mn), 2017-2028

Figure 36. UAE Human DNA Vaccines Revenue, (US\$, Mn), 2017-2028

Figure 37. Merck Human DNA Vaccines Revenue Year Over Year Growth (US\$, Mn) & (2017-2022)

Figure 38. GSK Human DNA Vaccines Revenue Year Over Year Growth (US\$, Mn) & (2017-2022)

Figure 39. Sanofi Human DNA Vaccines Revenue Year Over Year Growth (US\$, Mn) & (2017-2022)

Figure 40. Zoties Human DNA Vaccines Revenue Year Over Year Growth (US\$, Mn) & (2017-2022)

Figure 41. Elanco Human DNA Vaccines Revenue Year Over Year Growth (US\$, Mn) & (2017-2022)

Figure 42. Boehringer-Ingelheim Human DNA Vaccines Revenue Year Over Year Growth (US\$, Mn) & (2017-2022)

Figure 43. Indian Immunologicals Human DNA Vaccines Revenue Year Over Year Growth (US\$, Mn) & (2017-2022)

Figure 44. Plumblin Life Sciences Human DNA Vaccines Revenue Year Over Year Growth (US\$, Mn) & (2017-2022)

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