

Protein Chip Market Report: Trends, Forecast and Competitive Analysis

<https://marketpublishers.com/r/P94D6EFA5DA1EN.html>

Date: December 2022

Pages: 150

Price: US\$ 4,850.00 (Single User License)

ID: P94D6EFA5DA1EN

Abstracts

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Protein Chip Market Trends and Forecast

The future of the protein chip market looks promising with opportunities in the hospitals & clinics, diagnostic laboratories, academic & research institutes, and pharmaceutical and biotechnology companies. The global protein chip market is expected to grow with a CAGR of 7% to 9% from 2023 to 2028. The major drivers for this market are rise in prevalence of cancer, surge in adoption of advanced technology in diagnostics, and growing demand for personalized medicine.

Emerging Trends in the Protein Chip Market

Emerging trends, which have a direct impact on the dynamics of the industry, include increasing adoption of advanced technologies in diagnostics, rising demand for customized prescriptions coupled with the rise in innovative work exercises for additional improvement, and rising awareness of target-oriented drug delivery therapies for cancer treatment.

A more than 150-page report is developed to help in your business decisions. A sample figure with some insights is shown below. To learn the scope, benefits, companies researched and other details of the global protein chip market report, please download the report brochure.

Protein Chip Market by Segment

The study includes trends and forecast for the global protein chip market by technology, application, end use industry, and region, as follows:

Protein Chip Market by Technology [Value (\$B) Shipment Analysis from 2017 to 2028]:

Analytical Microarrays

Functional Protein Microarrays

Reverse Phase Protein Microarrays

Protein Chip Market by Application [Value (\$B) Shipment Analysis from 2017 to 2028]:

Diagnostics

Proteomics

Antibody Characterization

Protein Chip Market by End Use Industry [[Value (\$B) Shipment Analysis from 2017 to 2028]:

Hospitals & Clinics

Diagnostic Laboratories

Academic & Research Institutes

Pharmaceutical & Biotechnology Companies

Protein Chip Market by Region [Value (\$B) Shipment Analysis from 2017 to 2028]:

North America

Europe

Asia Pacific

The Rest of the World

List of Protein Chip Companies

Companies in the market compete on the basis of product quality offered. Major players in this market focus on expanding their manufacturing facilities, R&D investments, infrastructural development, and leverage integration opportunities across the value chain. With these strategies, protein chip companies cater to increasing demand, ensure competitive effectiveness, develop innovative products & technologies, reduce production costs, and expand their customer base. Some of the protein chip companies profiled in this report include-

Agilent Technologies

Bio-Rad Laboratories

Danher Corporation

Illumina

Merck KGaA

Arrayit Corporation

PerkinElmer

Quotient limited

RayBiotech Life

Thermo Fischer Scientific

Protein Chip Market Insights

Lucintel forecasts that analytical microarrays will remain the largest segment

over the forecast period because it helps in broadly analysing complex combination of proteins and large number of samples simultaneously in order to determine specificities, binding affinities, levels of protein expression, and others. It helps in the more accurate characterization and functional analysis of proteins and hence it is growingly used for tumour's markers test and other genetic disorder tests.

Hospitals and clinics are expected to remain the largest segment due to increasing number of infectious diseases, cancer cases, post-surgical complications, rising COVID-19 cases, and an increasing number of tests required at hospitals on daily basis.

North America will remain the largest region due to rising technical advancements in the health care industry across the northern region and increasing number of investment programs to sponsor the use of latest microarray technology in drug discovery research.

Features of the Protein Chip Market

Market Size Estimates: Protein chip market size estimation in terms of value (\$B)

Trend And Forecast Analysis: Market trends (2017-2022) and forecast (2023-2028) by various segments and regions.

Segmentation Analysis: Protein chip market size by various segments, such as technology, application, and end use industry.

Regional Analysis: Protein chip market breakdown by North America, Europe, Asia Pacific, and the Rest of the World.

Growth Opportunities: Analysis on growth opportunities in different technologies, applications, end use industries, and regions for the protein chip market.

Strategic Analysis: This includes M&A, new product development, and competitive landscape for the protein chip market.

Analysis of competitive intensity of the industry based on Porter's Five Forces

model.

FAQ

Q1. What is the protein chip market size?

Answer: The global protein chip market is expected to reach an estimated \$xx billion by 2028.

Q2. What is the growth forecast for protein chip market?

Answer: The global protein chip market is expected to grow with a CAGR of 7% to 9% from 2023 to 2028.

Q3. What are the major drivers influencing the growth of the protein chip market?

Answer: The major drivers for this market are rise in prevalence of cancer, surge in adoption of advanced technology in diagnostics, and growing demand for personalized medicine.

Q4. What are the major segments for protein chip market?

Answer: The future of the protein chip market looks promising with opportunities in the hospitals & clinics, diagnostic laboratories, academic & research institutes, and pharmaceutical and biotechnology companies.

Q5. What are the emerging trends in protein chip market?

Answer: Emerging trends, which have a direct impact on the dynamics of the industry, include increasing adoption of advanced technologies in diagnostics, rising demand for customized prescriptions coupled with the rise in innovative work exercises for additional improvement, and rising awareness of target-oriented drug delivery therapies for cancer treatment.

Q6. Who is the key protein chip companies?

Answer: Some of the key protein chip companies are as follows:

Agilent Technologies, Inc.

Bio-Rad Laboratories, Inc.

Danher Corporation

Illumina, Inc.

Merck KGaA

Arrayit Corporation

PerkinElmer Inc.

Quotient limited

RayBiotech Life, Inc.

Thermo Fischer Scientific, Inc.

Q7. Which protein chip segment will be the largest in future?

Answer: Lucintel forecasts that analytical microarrays will remain the largest segment over the forecast period because it helps in broadly analysing complex combination of proteins and large number of samples simultaneously in order to determine specificities, binding affinities, levels of protein expression, and others. It helps in the more accurate characterization and functional analysis of proteins and hence it is growingly used for tumour's markers test and other genetic disorder tests.

Q8. In protein chip market, which region is expected to be the largest in next 5 years?

Answer: North America will remain the largest region due to rising technical advancements in the health care industry across the northern region and increasing number of investment programs to sponsor the use of latest microarray technology in drug discovery research.

Q9. Do we receive customization in this report?

Answer: Yes, Lucintel provides 10% Customization Without any Additional Cost.

This report answers following 11 key questions

Q.1. What are some of the most promising, high-growth opportunities for the protein chip market by technology (analytical microarrays, functional protein microarrays, and reverse phase protein microarray), application (diagnostics, proteomics, and antibody characterization), end use industry (hospitals & clinics, diagnostic laboratories, academic & research institutes, and pharmaceutical and biotechnology companies), and region (North America, Europe, Asia Pacific, and the Rest of the World)?

Q.2. Which segments will grow at a faster pace and why?

Q.3. Which region will grow at a faster pace and why?

Q.4. What are the key factors affecting market dynamics? What are the key challenges and business risks in this market?

Q.5. What are the business risks and competitive threats in this market?

Q.6. What are the emerging trends in this market and the reasons behind them?

Q.7. What are some of the changing demands of customers in the market?

Q.8. What are the new developments in the market? Which companies are leading these developments?

Q.9. Who are the major players in this market? What strategic initiatives are key players pursuing for business growth?

Q.10. What are some of the competing products in this market and how big of a threat do they pose for loss of market share by material or product substitution?

Q.11. What M&A activity did occur in the last five years and what has been the impact on the industry?

For any questions related to protein chip market or related to protein chip companies, protein chip market size, protein chip market share, protein chip analysis, write Lucintel analyst at email: helpdesk@lucintel.com we will be glad to get back to you soon.

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- 7.9: RayBiotech Life
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