

Global SPR Sensor Chips and Supporting Consumables Market Growth 2026-2032

<https://marketpublishers.com/r/G4D633A7BCE5EN.html>

Date: July 2026

Pages: 108

Price: US\$ 3,660.00 (Single User License)

ID: G4D633A7BCE5EN

Abstracts

The global SPR Sensor Chips and Supporting Consumables market size is predicted to grow from US\$ 466 million in 2025 to US\$ 10733 million in 2032; it is expected to grow at a CAGR of 66.4% from 2026 to 2032.

SPR Consumables refer to specialized consumables used in Surface Plasmon Resonance (SPR) analysis systems. These mainly include functionalized sensor chips/cartridges, maintenance chips, reagent kits, sample vials, microplate adapters, and membrane components specific to the platform. The estimated overall gross margin is approximately 64%.

SPR consumables are typical high-margin, repeat-purchase items driven by installed systems. Growth is fueled not only by new instrument installations but also by routine experimental consumption. SPR systems enable real-time, label-free molecular interaction analysis and are used across biotherapeutics, small-molecule drug discovery, vaccine development, and QC applications. Labs may consume tens to hundreds of chips per year, creating continuous repurchase demand.

Market structure shows that standard CM/carboxymethyl dextran chips remain the highest-volume base category, while high-value growth is driven by pre-functionalized chips, capture chips, high-throughput array chips, and platform-specific cartridges. Price differences are driven by surface chemistry, platform compatibility, and experimental reliability rather than the cost of the substrate alone.

Increasing demand for biopharmaceutical, antibody, ADC, bispecific, extracellular vesicle, and viral particle characterization, along with CRO outsourcing and high-throughput screening, improves per-device utilization and enhances consumable

repurchase, supporting strong market growth.

LP Information, Inc. (LPI) ' newest research report, the "SPR Sensor Chips and Supporting Consumables Industry Forecast" looks at past sales and reviews total world SPR Sensor Chips and Supporting Consumables sales in 2025, providing a comprehensive analysis by region and market sector of projected SPR Sensor Chips and Supporting Consumables sales for 2026 through 2032. With SPR Sensor Chips and Supporting Consumables sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world SPR Sensor Chips and Supporting Consumables industry.

This Insight Report provides a comprehensive analysis of the global SPR Sensor Chips and Supporting Consumables landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyzes the strategies of leading global companies with a focus on SPR Sensor Chips and Supporting Consumables portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global SPR Sensor Chips and Supporting Consumables market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for SPR Sensor Chips and Supporting Consumables and breaks down the forecast by Type, by Application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global SPR Sensor Chips and Supporting Consumables.

This report presents a comprehensive overview, market shares, and growth opportunities of SPR Sensor Chips and Supporting Consumables market by product type, application, key manufacturers and key regions and countries.

Segmentation by Type:

Bare Gold

Carboxyl Dextran

Amine Surface

Streptavidin Surface

Ni-NTA Surface

Protein Capture Surface

Other Surfaces

Segmentation by Chip Format:

Microfluidic Chip

Sensor Slide

Array Chip

Cartridge Sensor

Other Formats

Segmentation by Reuse Strategy:

Single-Use

Regeneration-Reusable

Refunctionalizable

Others

Segmentation by Application:

Drug Discovery

Antibody Screening

Biologics Process Development

Quality Characterization

Diagnostic Reagent Development

Others

This report also splits the market by region:

Americas

United States

Canada

Mexico

Brazil

APAC

China

Japan

Korea

Southeast Asia

India

Australia

Europe

Germany

France

UK

Italy

Russia

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The below companies that are profiled have been selected based on inputs gathered from primary experts and analysing the company's coverage, product portfolio, its market penetration.

Cytiva

Sartorius

Carterra

Bruker

Reichert

Biosensing Instrument

Nicoya

BioNavis

HORIBA

IBIS Technologies

Plexera

XanTec bioanalytics

Affinit? Instruments

Bio-Rad

Key Questions Addressed in this Report

What is the 10-year outlook for the global SPR Sensor Chips and Supporting Consumables market?

What factors are driving SPR Sensor Chips and Supporting Consumables market growth, globally and by region?

Which technologies are poised for the fastest growth by market and region?

How do SPR Sensor Chips and Supporting Consumables market opportunities vary by end market size?

How does SPR Sensor Chips and Supporting Consumables break out by Type, by Application?

Contents

1 SCOPE OF THE REPORT

- 1.1 Market Introduction
- 1.2 Years Considered
- 1.3 Research Objectives
- 1.4 Market Research Methodology
- 1.5 Research Process and Data Source
- 1.6 Economic Indicators
- 1.7 Currency Considered
- 1.8 Market Estimation Caveats

2 EXECUTIVE SUMMARY

2.1 World Market Overview

- 2.1.1 Global SPR Sensor Chips and Supporting Consumables Annual Sales 2021-2032
- 2.1.2 World Current & Future Analysis for SPR Sensor Chips and Supporting Consumables by Geographic Region, 2021, 2025 & 2032
- 2.1.3 World Current & Future Analysis for SPR Sensor Chips and Supporting Consumables by Country/Region, 2021, 2025 & 2032

2.2 SPR Sensor Chips and Supporting Consumables Segment by Type

- 2.2.1 Bare Gold
 - 2.2.2 Carboxyl Dextran
 - 2.2.3 Amine Surface
 - 2.2.4 Streptavidin Surface
 - 2.2.5 Ni-NTA Surface
 - 2.2.6 Protein Capture Surface
 - 2.2.7 Other Surfaces
 - 2.2.8 SPR Sensor Chips and Supporting Consumables Sales by Type
 - 2.2.8.1 Global SPR Sensor Chips and Supporting Consumables Sales Market Share by Type (2021-2026)
 - 2.2.8.2 Global SPR Sensor Chips and Supporting Consumables Revenue and Market Share by Type (2021-2026)
 - 2.2.8.3 Global SPR Sensor Chips and Supporting Consumables Sale Price by Type (2021-2026)
- #### 2.3 SPR Sensor Chips and Supporting Consumables Segment by Chip Format
- 2.3.1 Microfluidic Chip

- 2.3.2 Sensor Slide
- 2.3.3 Array Chip
- 2.3.4 Cartridge Sensor
- 2.3.5 Other Formats
- 2.3.6 SPR Sensor Chips and Supporting Consumables Sales by Chip Format
 - 2.3.6.1 Global SPR Sensor Chips and Supporting Consumables Sales Market Share by Chip Format (2021-2026)
 - 2.3.6.2 Global SPR Sensor Chips and Supporting Consumables Revenue and Market Share by Chip Format (2021-2026)
 - 2.3.6.3 Global SPR Sensor Chips and Supporting Consumables Sale Price by Chip Format (2021-2026)
- 2.4 SPR Sensor Chips and Supporting Consumables Segment by Reuse Strategy
 - 2.4.1 Single-Use
 - 2.4.2 Regeneration-Reusable
 - 2.4.3 Refunctionalizable
 - 2.4.4 Others
 - 2.4.5 SPR Sensor Chips and Supporting Consumables Sales by Reuse Strategy
 - 2.4.5.1 Global SPR Sensor Chips and Supporting Consumables Sales Market Share by Reuse Strategy (2021-2026)
 - 2.4.5.2 Global SPR Sensor Chips and Supporting Consumables Revenue and Market Share by Reuse Strategy (2021-2026)
 - 2.4.5.3 Global SPR Sensor Chips and Supporting Consumables Sale Price by Reuse Strategy (2021-2026)
- 2.5 SPR Sensor Chips and Supporting Consumables Segment by Application
 - 2.5.1 Drug Discovery
 - 2.5.2 Antibody Screening
 - 2.5.3 Biologics Process Development
 - 2.5.4 Quality Characterization
 - 2.5.5 Diagnostic Reagent Development
 - 2.5.6 Others
 - 2.5.7 SPR Sensor Chips and Supporting Consumables Sales by Application
 - 2.5.7.1 Global SPR Sensor Chips and Supporting Consumables Sale Market Share by Application (2021-2026)
 - 2.5.7.2 Global SPR Sensor Chips and Supporting Consumables Revenue and Market Share by Application (2021-2026)
 - 2.5.7.3 Global SPR Sensor Chips and Supporting Consumables Sale Price by Application (2021-2026)

3 GLOBAL BY COMPANY

3.1 Global SPR Sensor Chips and Supporting Consumables Breakdown Data by Company

3.1.1 Global SPR Sensor Chips and Supporting Consumables Annual Sales by Company (2021-2026)

3.1.2 Global SPR Sensor Chips and Supporting Consumables Sales Market Share by Company (2021-2026)

3.2 Global SPR Sensor Chips and Supporting Consumables Annual Revenue by Company (2021-2026)

3.2.1 Global SPR Sensor Chips and Supporting Consumables Revenue by Company (2021-2026)

3.2.2 Global SPR Sensor Chips and Supporting Consumables Revenue Market Share by Company (2021-2026)

3.3 Global SPR Sensor Chips and Supporting Consumables Sale Price by Company

3.4 Key Manufacturers SPR Sensor Chips and Supporting Consumables Producing Area Distribution, Sales Area, Product Type

3.4.1 Key Manufacturers SPR Sensor Chips and Supporting Consumables Product Location Distribution

3.4.2 Players SPR Sensor Chips and Supporting Consumables Products Offered

3.5 Market Concentration Rate Analysis

3.5.1 Competition Landscape Analysis

3.5.2 Concentration Ratio (CR3, CR5 and CR10) & (2024-2026)

3.6 New Products and Potential Entrants

3.7 Market M&A Activity & Strategy

4 WORLD HISTORIC REVIEW FOR SPR SENSOR CHIPS AND SUPPORTING CONSUMABLES BY GEOGRAPHIC REGION

4.1 World Historic SPR Sensor Chips and Supporting Consumables Market Size by Geographic Region (2021-2026)

4.1.1 Global SPR Sensor Chips and Supporting Consumables Annual Sales by Geographic Region (2021-2026)

4.1.2 Global SPR Sensor Chips and Supporting Consumables Annual Revenue by Geographic Region (2021-2026)

4.2 World Historic SPR Sensor Chips and Supporting Consumables Market Size by Country/Region (2021-2026)

4.2.1 Global SPR Sensor Chips and Supporting Consumables Annual Sales by Country/Region (2021-2026)

4.2.2 Global SPR Sensor Chips and Supporting Consumables Annual Revenue by

Country/Region (2021-2026)

4.3 Americas SPR Sensor Chips and Supporting Consumables Sales Growth

4.4 APAC SPR Sensor Chips and Supporting Consumables Sales Growth

4.5 Europe SPR Sensor Chips and Supporting Consumables Sales Growth

4.6 Middle East & Africa SPR Sensor Chips and Supporting Consumables Sales Growth

5 AMERICAS

5.1 Americas SPR Sensor Chips and Supporting Consumables Sales by Country

5.1.1 Americas SPR Sensor Chips and Supporting Consumables Sales by Country (2021-2026)

5.1.2 Americas SPR Sensor Chips and Supporting Consumables Revenue by Country (2021-2026)

5.2 Americas SPR Sensor Chips and Supporting Consumables Sales by Type (2021-2026)

5.3 Americas SPR Sensor Chips and Supporting Consumables Sales by Application (2021-2026)

5.4 United States

5.5 Canada

5.6 Mexico

5.7 Brazil

6 APAC

6.1 APAC SPR Sensor Chips and Supporting Consumables Sales by Region

6.1.1 APAC SPR Sensor Chips and Supporting Consumables Sales by Region (2021-2026)

6.1.2 APAC SPR Sensor Chips and Supporting Consumables Revenue by Region (2021-2026)

6.2 APAC SPR Sensor Chips and Supporting Consumables Sales by Type (2021-2026)

6.3 APAC SPR Sensor Chips and Supporting Consumables Sales by Application (2021-2026)

6.4 China

6.5 Japan

6.6 South Korea

6.7 Southeast Asia

6.8 India

6.9 Australia

6.10 China Taiwan

7 EUROPE

7.1 Europe SPR Sensor Chips and Supporting Consumables by Country

7.1.1 Europe SPR Sensor Chips and Supporting Consumables Sales by Country (2021-2026)

7.1.2 Europe SPR Sensor Chips and Supporting Consumables Revenue by Country (2021-2026)

7.2 Europe SPR Sensor Chips and Supporting Consumables Sales by Type (2021-2026)

7.3 Europe SPR Sensor Chips and Supporting Consumables Sales by Application (2021-2026)

7.4 Germany

7.5 France

7.6 UK

7.7 Italy

7.8 Russia

8 MIDDLE EAST & AFRICA

8.1 Middle East & Africa SPR Sensor Chips and Supporting Consumables by Country

8.1.1 Middle East & Africa SPR Sensor Chips and Supporting Consumables Sales by Country (2021-2026)

8.1.2 Middle East & Africa SPR Sensor Chips and Supporting Consumables Revenue by Country (2021-2026)

8.2 Middle East & Africa SPR Sensor Chips and Supporting Consumables Sales by Type (2021-2026)

8.3 Middle East & Africa SPR Sensor Chips and Supporting Consumables Sales by Application (2021-2026)

8.4 Egypt

8.5 South Africa

8.6 Israel

8.7 Turkey

8.8 GCC Countries

9 MARKET DRIVERS, CHALLENGES AND TRENDS

9.1 Market Drivers & Growth Opportunities

9.2 Market Challenges & Risks

9.3 Industry Trends

10 MANUFACTURING COST STRUCTURE ANALYSIS

10.1 Raw Material and Suppliers

10.2 Manufacturing Cost Structure Analysis of SPR Sensor Chips and Supporting Consumables

10.3 Manufacturing Process Analysis of SPR Sensor Chips and Supporting Consumables

10.4 Industry Chain Structure of SPR Sensor Chips and Supporting Consumables

11 MARKETING, DISTRIBUTORS AND CUSTOMER

11.1 Sales Channel

11.1.1 Direct Channels

11.1.2 Indirect Channels

11.2 SPR Sensor Chips and Supporting Consumables Distributors

11.3 SPR Sensor Chips and Supporting Consumables Customer

12 WORLD FORECAST REVIEW FOR SPR SENSOR CHIPS AND SUPPORTING CONSUMABLES BY GEOGRAPHIC REGION

12.1 Global SPR Sensor Chips and Supporting Consumables Market Size Forecast by Region

12.1.1 Global SPR Sensor Chips and Supporting Consumables Forecast by Region (2027-2032)

12.1.2 Global SPR Sensor Chips and Supporting Consumables Annual Revenue Forecast by Region (2027-2032)

12.2 Americas Forecast by Country (2027-2032)

12.3 APAC Forecast by Region (2027-2032)

12.4 Europe Forecast by Country (2027-2032)

12.5 Middle East & Africa Forecast by Country (2027-2032)

12.6 Global SPR Sensor Chips and Supporting Consumables Forecast by Type (2027-2032)

12.7 Global SPR Sensor Chips and Supporting Consumables Forecast by Application (2027-2032)

13 KEY PLAYERS ANALYSIS

13.1 Cytiva

13.1.1 Cytiva Company Information

13.1.2 Cytiva SPR Sensor Chips and Supporting Consumables Product Portfolios and Specifications

13.1.3 Cytiva SPR Sensor Chips and Supporting Consumables Sales, Revenue, Price and Gross Margin (2021-2026)

13.1.4 Cytiva Main Business Overview

13.1.5 Cytiva Latest Developments

13.2 Sartorius

13.2.1 Sartorius Company Information

13.2.2 Sartorius SPR Sensor Chips and Supporting Consumables Product Portfolios and Specifications

13.2.3 Sartorius SPR Sensor Chips and Supporting Consumables Sales, Revenue, Price and Gross Margin (2021-2026)

13.2.4 Sartorius Main Business Overview

13.2.5 Sartorius Latest Developments

13.3 Carterra

13.3.1 Carterra Company Information

13.3.2 Carterra SPR Sensor Chips and Supporting Consumables Product Portfolios and Specifications

13.3.3 Carterra SPR Sensor Chips and Supporting Consumables Sales, Revenue, Price and Gross Margin (2021-2026)

13.3.4 Carterra Main Business Overview

13.3.5 Carterra Latest Developments

13.4 Bruker

13.4.1 Bruker Company Information

13.4.2 Bruker SPR Sensor Chips and Supporting Consumables Product Portfolios and Specifications

13.4.3 Bruker SPR Sensor Chips and Supporting Consumables Sales, Revenue, Price and Gross Margin (2021-2026)

13.4.4 Bruker Main Business Overview

13.4.5 Bruker Latest Developments

13.5 Reichert

13.5.1 Reichert Company Information

13.5.2 Reichert SPR Sensor Chips and Supporting Consumables Product Portfolios and Specifications

13.5.3 Reichert SPR Sensor Chips and Supporting Consumables Sales, Revenue, Price and Gross Margin (2021-2026)

- 13.5.4 Reichert Main Business Overview
- 13.5.5 Reichert Latest Developments
- 13.6 Biosensing Instrument
 - 13.6.1 Biosensing Instrument Company Information
 - 13.6.2 Biosensing Instrument SPR Sensor Chips and Supporting Consumables
- Product Portfolios and Specifications
 - 13.6.3 Biosensing Instrument SPR Sensor Chips and Supporting Consumables Sales, Revenue, Price and Gross Margin (2021-2026)
 - 13.6.4 Biosensing Instrument Main Business Overview
 - 13.6.5 Biosensing Instrument Latest Developments
- 13.7 Nicoya
 - 13.7.1 Nicoya Company Information
 - 13.7.2 Nicoya SPR Sensor Chips and Supporting Consumables Product Portfolios and Specifications
 - 13.7.3 Nicoya SPR Sensor Chips and Supporting Consumables Sales, Revenue, Price and Gross Margin (2021-2026)
 - 13.7.4 Nicoya Main Business Overview
 - 13.7.5 Nicoya Latest Developments
- 13.8 BioNavis
 - 13.8.1 BioNavis Company Information
 - 13.8.2 BioNavis SPR Sensor Chips and Supporting Consumables Product Portfolios and Specifications
 - 13.8.3 BioNavis SPR Sensor Chips and Supporting Consumables Sales, Revenue, Price and Gross Margin (2021-2026)
 - 13.8.4 BioNavis Main Business Overview
 - 13.8.5 BioNavis Latest Developments
- 13.9 HORIBA
 - 13.9.1 HORIBA Company Information
 - 13.9.2 HORIBA SPR Sensor Chips and Supporting Consumables Product Portfolios and Specifications
 - 13.9.3 HORIBA SPR Sensor Chips and Supporting Consumables Sales, Revenue, Price and Gross Margin (2021-2026)
 - 13.9.4 HORIBA Main Business Overview
 - 13.9.5 HORIBA Latest Developments
- 13.10 IBIS Technologies
 - 13.10.1 IBIS Technologies Company Information
 - 13.10.2 IBIS Technologies SPR Sensor Chips and Supporting Consumables Product Portfolios and Specifications
 - 13.10.3 IBIS Technologies SPR Sensor Chips and Supporting Consumables Sales,

Revenue, Price and Gross Margin (2021-2026)

13.10.4 IBIS Technologies Main Business Overview

13.10.5 IBIS Technologies Latest Developments

13.11 Plexera

13.11.1 Plexera Company Information

13.11.2 Plexera SPR Sensor Chips and Supporting Consumables Product Portfolios and Specifications

13.11.3 Plexera SPR Sensor Chips and Supporting Consumables Sales, Revenue, Price and Gross Margin (2021-2026)

13.11.4 Plexera Main Business Overview

13.11.5 Plexera Latest Developments

13.12 XanTec bioanalytics

13.12.1 XanTec bioanalytics Company Information

13.12.2 XanTec bioanalytics SPR Sensor Chips and Supporting Consumables Product Portfolios and Specifications

13.12.3 XanTec bioanalytics SPR Sensor Chips and Supporting Consumables Sales, Revenue, Price and Gross Margin (2021-2026)

13.12.4 XanTec bioanalytics Main Business Overview

13.12.5 XanTec bioanalytics Latest Developments

13.13 Affinit? Instruments

13.13.1 Affinit? Instruments Company Information

13.13.2 Affinit? Instruments SPR Sensor Chips and Supporting Consumables Product Portfolios and Specifications

13.13.3 Affinit? Instruments SPR Sensor Chips and Supporting Consumables Sales, Revenue, Price and Gross Margin (2021-2026)

13.13.4 Affinit? Instruments Main Business Overview

13.13.5 Affinit? Instruments Latest Developments

13.14 Bio-Rad

13.14.1 Bio-Rad Company Information

13.14.2 Bio-Rad SPR Sensor Chips and Supporting Consumables Product Portfolios and Specifications

13.14.3 Bio-Rad SPR Sensor Chips and Supporting Consumables Sales, Revenue, Price and Gross Margin (2021-2026)

13.14.4 Bio-Rad Main Business Overview

13.14.5 Bio-Rad Latest Developments

14 RESEARCH FINDINGS AND CONCLUSION

List Of Tables

LIST OF TABLES

Table 1. SPR Sensor Chips and Supporting Consumables Annual Sales CAGR by Geographic Region (2021, 2025 & 2032) & (\$ millions)

Table 2. SPR Sensor Chips and Supporting Consumables Annual Sales CAGR by Country/Region (2021, 2025 & 2032) & (\$ millions)

Table 3. Major Players of Bare Gold

Table 4. Major Players of Carboxyl Dextran

Table 5. Major Players of Amine Surface

Table 6. Major Players of Streptavidin Surface

Table 7. Major Players of Ni-NTA Surface

Table 8. Major Players of Protein Capture Surface

Table 9. Major Players of Other Surfaces

Table 10. Global SPR Sensor Chips and Supporting Consumables Sales by Type (2021-2026) & (Units)

Table 11. Global SPR Sensor Chips and Supporting Consumables Sales Market Share by Type (2021-2026)

Table 12. Global SPR Sensor Chips and Supporting Consumables Revenue by Type (2021-2026) & (\$ million)

Table 13. Global SPR Sensor Chips and Supporting Consumables Revenue Market Share by Type (2021-2026)

Table 14. Global SPR Sensor Chips and Supporting Consumables Sale Price by Type (2021-2026) & (US\$/Unit)

Table 15. Major Players of Microfluidic Chip

Table 16. Major Players of Sensor Slide

Table 17. Major Players of Array Chip

Table 18. Major Players of Cartridge Sensor

Table 19. Major Players of Other Formats

Table 20. Global SPR Sensor Chips and Supporting Consumables Sales by Chip Format (2021-2026) & (Units)

Table 21. Global SPR Sensor Chips and Supporting Consumables Sales Market Share by Chip Format (2021-2026)

Table 22. Global SPR Sensor Chips and Supporting Consumables Revenue by Chip Format (2021-2026) & (\$ million)

Table 23. Global SPR Sensor Chips and Supporting Consumables Revenue Market Share by Chip Format (2021-2026)

Table 24. Global SPR Sensor Chips and Supporting Consumables Sale Price by Chip

Format (2021-2026) & (US\$/Unit)

Table 25. Major Players of Single-Use

Table 26. Major Players of Regeneration-Reusable

Table 27. Major Players of Refunctionalizable

Table 28. Major Players of Others

Table 29. Global SPR Sensor Chips and Supporting Consumables Sales by Reuse Strategy (2021-2026) & (Units)

Table 30. Global SPR Sensor Chips and Supporting Consumables Sales Market Share by Reuse Strategy (2021-2026)

Table 31. Global SPR Sensor Chips and Supporting Consumables Revenue by Reuse Strategy (2021-2026) & (\$ million)

Table 32. Global SPR Sensor Chips and Supporting Consumables Revenue Market Share by Reuse Strategy (2021-2026)

Table 33. Global SPR Sensor Chips and Supporting Consumables Sale Price by Reuse Strategy (2021-2026) & (US\$/Unit)

Table 34. Global SPR Sensor Chips and Supporting Consumables Sale by Application (2021-2026) & (Units)

Table 35. Global SPR Sensor Chips and Supporting Consumables Sale Market Share by Application (2021-2026)

Table 36. Global SPR Sensor Chips and Supporting Consumables Revenue by Application (2021-2026) & (\$ million)

Table 37. Global SPR Sensor Chips and Supporting Consumables Revenue Market Share by Application (2021-2026)

Table 38. Global SPR Sensor Chips and Supporting Consumables Sale Price by Application (2021-2026) & (US\$/Unit)

Table 39. Global SPR Sensor Chips and Supporting Consumables Sales by Company (2021-2026) & (Units)

Table 40. Global SPR Sensor Chips and Supporting Consumables Sales Market Share by Company (2021-2026)

Table 41. Global SPR Sensor Chips and Supporting Consumables Revenue by Company (2021-2026) & (\$ millions)

Table 42. Global SPR Sensor Chips and Supporting Consumables Revenue Market Share by Company (2021-2026)

Table 43. Global SPR Sensor Chips and Supporting Consumables Sale Price by Company (2021-2026) & (US\$/Unit)

Table 44. Key Manufacturers SPR Sensor Chips and Supporting Consumables Producing Area Distribution and Sales Area

Table 45. Players SPR Sensor Chips and Supporting Consumables Products Offered

Table 46. SPR Sensor Chips and Supporting Consumables Concentration Ratio (CR3,

CR5 and CR10) & (2024-2026)

Table 47. New Products and Potential Entrants

Table 48. Market M&A Activity & Strategy

Table 49. Global SPR Sensor Chips and Supporting Consumables Sales by Geographic Region (2021-2026) & (Units)

Table 50. Global SPR Sensor Chips and Supporting Consumables Sales Market Share Geographic Region (2021-2026)

Table 51. Global SPR Sensor Chips and Supporting Consumables Revenue by Geographic Region (2021-2026) & (\$ millions)

Table 52. Global SPR Sensor Chips and Supporting Consumables Revenue Market Share by Geographic Region (2021-2026)

Table 53. Global SPR Sensor Chips and Supporting Consumables Sales by Country/Region (2021-2026) & (Units)

Table 54. Global SPR Sensor Chips and Supporting Consumables Sales Market Share by Country/Region (2021-2026)

Table 55. Global SPR Sensor Chips and Supporting Consumables Revenue by Country/Region (2021-2026) & (\$ millions)

Table 56. Global SPR Sensor Chips and Supporting Consumables Revenue Market Share by Country/Region (2021-2026)

Table 57. Americas SPR Sensor Chips and Supporting Consumables Sales by Country (2021-2026) & (Units)

Table 58. Americas SPR Sensor Chips and Supporting Consumables Sales Market Share by Country (2021-2026)

Table 59. Americas SPR Sensor Chips and Supporting Consumables Revenue by Country (2021-2026) & (\$ millions)

Table 60. Americas SPR Sensor Chips and Supporting Consumables Sales by Type (2021-2026) & (Units)

Table 61. Americas SPR Sensor Chips and Supporting Consumables Sales by Application (2021-2026) & (Units)

Table 62. APAC SPR Sensor Chips and Supporting Consumables Sales by Region (2021-2026) & (Units)

Table 63. APAC SPR Sensor Chips and Supporting Consumables Sales Market Share by Region (2021-2026)

Table 64. APAC SPR Sensor Chips and Supporting Consumables Revenue by Region (2021-2026) & (\$ millions)

Table 65. APAC SPR Sensor Chips and Supporting Consumables Sales by Type (2021-2026) & (Units)

Table 66. APAC SPR Sensor Chips and Supporting Consumables Sales by Application (2021-2026) & (Units)

Table 67. Europe SPR Sensor Chips and Supporting Consumables Sales by Country (2021-2026) & (Units)

Table 68. Europe SPR Sensor Chips and Supporting Consumables Revenue by Country (2021-2026) & (\$ millions)

Table 69. Europe SPR Sensor Chips and Supporting Consumables Sales by Type (2021-2026) & (Units)

Table 70. Europe SPR Sensor Chips and Supporting Consumables Sales by Application (2021-2026) & (Units)

Table 71. Middle East & Africa SPR Sensor Chips and Supporting Consumables Sales by Country (2021-2026) & (Units)

Table 72. Middle East & Africa SPR Sensor Chips and Supporting Consumables Revenue Market Share by Country (2021-2026)

Table 73. Middle East & Africa SPR Sensor Chips and Supporting Consumables Sales by Type (2021-2026) & (Units)

Table 74. Middle East & Africa SPR Sensor Chips and Supporting Consumables Sales by Application (2021-2026) & (Units)

Table 75. Key Market Drivers & Growth Opportunities of SPR Sensor Chips and Supporting Consumables

Table 76. Key Market Challenges & Risks of SPR Sensor Chips and Supporting Consumables

Table 77. Key Industry Trends of SPR Sensor Chips and Supporting Consumables

Table 78. SPR Sensor Chips and Supporting Consumables Raw Material

Table 79. Key Suppliers of Raw Materials

Table 80. SPR Sensor Chips and Supporting Consumables Distributors List

Table 81. SPR Sensor Chips and Supporting Consumables Customer List

Table 82. Global SPR Sensor Chips and Supporting Consumables Sales Forecast by Region (2027-2032) & (Units)

Table 83. Global SPR Sensor Chips and Supporting Consumables Revenue Forecast by Region (2027-2032) & (\$ millions)

Table 84. Americas SPR Sensor Chips and Supporting Consumables Sales Forecast by Country (2027-2032) & (Units)

Table 85. Americas SPR Sensor Chips and Supporting Consumables Annual Revenue Forecast by Country (2027-2032) & (\$ millions)

Table 86. APAC SPR Sensor Chips and Supporting Consumables Sales Forecast by Region (2027-2032) & (Units)

Table 87. APAC SPR Sensor Chips and Supporting Consumables Annual Revenue Forecast by Region (2027-2032) & (\$ millions)

Table 88. Europe SPR Sensor Chips and Supporting Consumables Sales Forecast by Country (2027-2032) & (Units)

Table 89. Europe SPR Sensor Chips and Supporting Consumables Revenue Forecast by Country (2027-2032) & (\$ millions)

Table 90. Middle East & Africa SPR Sensor Chips and Supporting Consumables Sales Forecast by Country (2027-2032) & (Units)

Table 91. Middle East & Africa SPR Sensor Chips and Supporting Consumables Revenue Forecast by Country (2027-2032) & (\$ millions)

Table 92. Global SPR Sensor Chips and Supporting Consumables Sales Forecast by Type (2027-2032) & (Units)

Table 93. Global SPR Sensor Chips and Supporting Consumables Revenue Forecast by Type (2027-2032) & (\$ millions)

Table 94. Global SPR Sensor Chips and Supporting Consumables Sales Forecast by Application (2027-2032) & (Units)

Table 95. Global SPR Sensor Chips and Supporting Consumables Revenue Forecast by Application (2027-2032) & (\$ millions)

Table 96. Cytiva Basic Information, SPR Sensor Chips and Supporting Consumables Manufacturing Base, Sales Area and Its Competitors

Table 97. Cytiva SPR Sensor Chips and Supporting Consumables Product Portfolios and Specifications

Table 98. Cytiva SPR Sensor Chips and Supporting Consumables Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 99. Cytiva Main Business

Table 100. Cytiva Latest Developments

Table 101. Sartorius Basic Information, SPR Sensor Chips and Supporting Consumables Manufacturing Base, Sales Area and Its Competitors

Table 102. Sartorius SPR Sensor Chips and Supporting Consumables Product Portfolios and Specifications

Table 103. Sartorius SPR Sensor Chips and Supporting Consumables Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 104. Sartorius Main Business

Table 105. Sartorius Latest Developments

Table 106. Carterra Basic Information, SPR Sensor Chips and Supporting Consumables Manufacturing Base, Sales Area and Its Competitors

Table 107. Carterra SPR Sensor Chips and Supporting Consumables Product Portfolios and Specifications

Table 108. Carterra SPR Sensor Chips and Supporting Consumables Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 109. Carterra Main Business

Table 110. Carterra Latest Developments

Table 111. Bruker Basic Information, SPR Sensor Chips and Supporting Consumables

Manufacturing Base, Sales Area and Its Competitors

Table 112. Bruker SPR Sensor Chips and Supporting Consumables Product Portfolios and Specifications

Table 113. Bruker SPR Sensor Chips and Supporting Consumables Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 114. Bruker Main Business

Table 115. Bruker Latest Developments

Table 116. Reichert Basic Information, SPR Sensor Chips and Supporting Consumables Manufacturing Base, Sales Area and Its Competitors

Table 117. Reichert SPR Sensor Chips and Supporting Consumables Product Portfolios and Specifications

Table 118. Reichert SPR Sensor Chips and Supporting Consumables Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 119. Reichert Main Business

Table 120. Reichert Latest Developments

Table 121. Biosensing Instrument Basic Information, SPR Sensor Chips and Supporting Consumables Manufacturing Base, Sales Area and Its Competitors

Table 122. Biosensing Instrument SPR Sensor Chips and Supporting Consumables Product Portfolios and Specifications

Table 123. Biosensing Instrument SPR Sensor Chips and Supporting Consumables Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 124. Biosensing Instrument Main Business

Table 125. Biosensing Instrument Latest Developments

Table 126. Nicoya Basic Information, SPR Sensor Chips and Supporting Consumables Manufacturing Base, Sales Area and Its Competitors

Table 127. Nicoya SPR Sensor Chips and Supporting Consumables Product Portfolios and Specifications

Table 128. Nicoya SPR Sensor Chips and Supporting Consumables Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 129. Nicoya Main Business

Table 130. Nicoya Latest Developments

Table 131. BioNavis Basic Information, SPR Sensor Chips and Supporting Consumables Manufacturing Base, Sales Area and Its Competitors

Table 132. BioNavis SPR Sensor Chips and Supporting Consumables Product Portfolios and Specifications

Table 133. BioNavis SPR Sensor Chips and Supporting Consumables Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 134. BioNavis Main Business

Table 135. BioNavis Latest Developments

Table 136. HORIBA Basic Information, SPR Sensor Chips and Supporting Consumables Manufacturing Base, Sales Area and Its Competitors
Table 137. HORIBA SPR Sensor Chips and Supporting Consumables Product Portfolios and Specifications
Table 138. HORIBA SPR Sensor Chips and Supporting Consumables Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)
Table 139. HORIBA Main Business
Table 140. HORIBA Latest Developments
Table 141. IBIS Technologies Basic Information, SPR Sensor Chips and Supporting Consumables Manufacturing Base, Sales Area and Its Competitors
Table 142. IBIS Technologies SPR Sensor Chips and Supporting Consumables Product Portfolios and Specifications
Table 143. IBIS Technologies SPR Sensor Chips and Supporting Consumables Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)
Table 144. IBIS Technologies Main Business
Table 145. IBIS Technologies Latest Developments
Table 146. Plexera Basic Information, SPR Sensor Chips and Supporting Consumables Manufacturing Base, Sales Area and Its Competitors
Table 147. Plexera SPR Sensor Chips and Supporting Consumables Product Portfolios and Specifications
Table 148. Plexera SPR Sensor Chips and Supporting Consumables Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)
Table 149. Plexera Main Business
Table 150. Plexera Latest Developments
Table 151. XanTec bioanalytics Basic Information, SPR Sensor Chips and Supporting Consumables Manufacturing Base, Sales Area and Its Competitors
Table 152. XanTec bioanalytics SPR Sensor Chips and Supporting Consumables Product Portfolios and Specifications
Table 153. XanTec bioanalytics SPR Sensor Chips and Supporting Consumables Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)
Table 154. XanTec bioanalytics Main Business
Table 155. XanTec bioanalytics Latest Developments
Table 156. Affinit? Instruments Basic Information, SPR Sensor Chips and Supporting Consumables Manufacturing Base, Sales Area and Its Competitors
Table 157. Affinit? Instruments SPR Sensor Chips and Supporting Consumables Product Portfolios and Specifications
Table 158. Affinit? Instruments SPR Sensor Chips and Supporting Consumables Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)
Table 159. Affinit? Instruments Main Business

Table 160. Affinit? Instruments Latest Developments

Table 161. Bio-Rad Basic Information, SPR Sensor Chips and Supporting Consumables Manufacturing Base, Sales Area and Its Competitors

Table 162. Bio-Rad SPR Sensor Chips and Supporting Consumables Product Portfolios and Specifications

Table 163. Bio-Rad SPR Sensor Chips and Supporting Consumables Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 164. Bio-Rad Main Business

Table 165. Bio-Rad Latest Developments

List Of Figures

LIST OF FIGURES

- Figure 1. Picture of SPR Sensor Chips and Supporting Consumables
- Figure 2. SPR Sensor Chips and Supporting Consumables Report Years Considered
- Figure 3. Research Objectives
- Figure 4. Research Methodology
- Figure 5. Research Process and Data Source
- Figure 6. Global SPR Sensor Chips and Supporting Consumables Sales Growth Rate 2021-2032 (Units)
- Figure 7. Global SPR Sensor Chips and Supporting Consumables Revenue Growth Rate 2021-2032 (\$ millions)
- Figure 8. SPR Sensor Chips and Supporting Consumables Sales by Geographic Region (2021, 2025 & 2032) & (\$ millions)
- Figure 9. SPR Sensor Chips and Supporting Consumables Sales Market Share by Country/Region (2025)
- Figure 10. SPR Sensor Chips and Supporting Consumables Sales Market Share by Country/Region (2021, 2025 & 2032)
- Figure 11. Product Picture of Bare Gold
- Figure 12. Product Picture of Carboxyl Dextran
- Figure 13. Product Picture of Amine Surface
- Figure 14. Product Picture of Streptavidin Surface
- Figure 15. Product Picture of Ni-NTA Surface
- Figure 16. Product Picture of Protein Capture Surface
- Figure 17. Product Picture of Other Surfaces
- Figure 18. Global SPR Sensor Chips and Supporting Consumables Sales Market Share by Type in 2026
- Figure 19. Global SPR Sensor Chips and Supporting Consumables Revenue Market Share by Type (2021-2026)
- Figure 20. Product Picture of Microfluidic Chip
- Figure 21. Product Picture of Sensor Slide
- Figure 22. Product Picture of Array Chip
- Figure 23. Product Picture of Cartridge Sensor
- Figure 24. Product Picture of Other Formats
- Figure 25. Global SPR Sensor Chips and Supporting Consumables Sales Market Share by Chip Format in 2026
- Figure 26. Global SPR Sensor Chips and Supporting Consumables Revenue Market Share by Chip Format (2021-2026)

Figure 27. Product Picture of Single-Use

Figure 28. Product Picture of Regeneration-Reusable

Figure 29. Product Picture of Refunctionalizable

Figure 30. Product Picture of Others

Figure 31. Global SPR Sensor Chips and Supporting Consumables Sales Market Share by Reuse Strategy in 2026

Figure 32. Global SPR Sensor Chips and Supporting Consumables Revenue Market Share by Reuse Strategy (2021-2026)

Figure 33. SPR Sensor Chips and Supporting Consumables Consumed in Drug Discovery

Figure 34. Global SPR Sensor Chips and Supporting Consumables Market: Drug Discovery (2021-2026) & (Units)

Figure 35. SPR Sensor Chips and Supporting Consumables Consumed in Antibody Screening

Figure 36. Global SPR Sensor Chips and Supporting Consumables Market: Antibody Screening (2021-2026) & (Units)

Figure 37. SPR Sensor Chips and Supporting Consumables Consumed in Biologics Process Development

Figure 38. Global SPR Sensor Chips and Supporting Consumables Market: Biologics Process Development (2021-2026) & (Units)

Figure 39. SPR Sensor Chips and Supporting Consumables Consumed in Quality Characterization

Figure 40. Global SPR Sensor Chips and Supporting Consumables Market: Quality Characterization (2021-2026) & (Units)

Figure 41. SPR Sensor Chips and Supporting Consumables Consumed in Diagnostic Reagent Development

Figure 42. Global SPR Sensor Chips and Supporting Consumables Market: Diagnostic Reagent Development (2021-2026) & (Units)

Figure 43. SPR Sensor Chips and Supporting Consumables Consumed in Others

Figure 44. Global SPR Sensor Chips and Supporting Consumables Market: Others (2021-2026) & (Units)

Figure 45. Global SPR Sensor Chips and Supporting Consumables Sale Market Share by Application (2025)

Figure 46. Global SPR Sensor Chips and Supporting Consumables Revenue Market Share by Application in 2025

Figure 47. SPR Sensor Chips and Supporting Consumables Sales by Company in 2025 (Units)

Figure 48. Global SPR Sensor Chips and Supporting Consumables Sales Market Share by Company in 2025

Figure 49. SPR Sensor Chips and Supporting Consumables Revenue by Company in 2025 (\$ millions)

Figure 50. Global SPR Sensor Chips and Supporting Consumables Revenue Market Share by Company in 2025

Figure 51. Global SPR Sensor Chips and Supporting Consumables Sales Market Share by Geographic Region (2021-2026)

Figure 52. Global SPR Sensor Chips and Supporting Consumables Revenue Market Share by Geographic Region in 2025

Figure 53. Americas SPR Sensor Chips and Supporting Consumables Sales 2021-2026 (Units)

Figure 54. Americas SPR Sensor Chips and Supporting Consumables Revenue 2021-2026 (\$ millions)

Figure 55. APAC SPR Sensor Chips and Supporting Consumables Sales 2021-2026 (Units)

Figure 56. APAC SPR Sensor Chips and Supporting Consumables Revenue 2021-2026 (\$ millions)

Figure 57. Europe SPR Sensor Chips and Supporting Consumables Sales 2021-2026 (Units)

Figure 58. Europe SPR Sensor Chips and Supporting Consumables Revenue 2021-2026 (\$ millions)

Figure 59. Middle East & Africa SPR Sensor Chips and Supporting Consumables Sales 2021-2026 (Units)

Figure 60. Middle East & Africa SPR Sensor Chips and Supporting Consumables Revenue 2021-2026 (\$ millions)

Figure 61. Americas SPR Sensor Chips and Supporting Consumables Sales Market Share by Country in 2025

Figure 62. Americas SPR Sensor Chips and Supporting Consumables Revenue Market Share by Country (2021-2026)

Figure 63. Americas SPR Sensor Chips and Supporting Consumables Sales Market Share by Type (2021-2026)

Figure 64. Americas SPR Sensor Chips and Supporting Consumables Sales Market Share by Application (2021-2026)

Figure 65. United States SPR Sensor Chips and Supporting Consumables Revenue Growth 2021-2026 (\$ millions)

Figure 66. Canada SPR Sensor Chips and Supporting Consumables Revenue Growth 2021-2026 (\$ millions)

Figure 67. Mexico SPR Sensor Chips and Supporting Consumables Revenue Growth 2021-2026 (\$ millions)

Figure 68. Brazil SPR Sensor Chips and Supporting Consumables Revenue Growth

2021-2026 (\$ millions)

Figure 69. APAC SPR Sensor Chips and Supporting Consumables Sales Market Share by Region in 2025

Figure 70. APAC SPR Sensor Chips and Supporting Consumables Revenue Market Share by Region (2021-2026)

Figure 71. APAC SPR Sensor Chips and Supporting Consumables Sales Market Share by Type (2021-2026)

Figure 72. APAC SPR Sensor Chips and Supporting Consumables Sales Market Share by Application (2021-2026)

Figure 73. China SPR Sensor Chips and Supporting Consumables Revenue Growth 2021-2026 (\$ millions)

Figure 74. Japan SPR Sensor Chips and Supporting Consumables Revenue Growth 2021-2026 (\$ millions)

Figure 75. South Korea SPR Sensor Chips and Supporting Consumables Revenue Growth 2021-2026 (\$ millions)

Figure 76. Southeast Asia SPR Sensor Chips and Supporting Consumables Revenue Growth 2021-2026 (\$ millions)

Figure 77. India SPR Sensor Chips and Supporting Consumables Revenue Growth 2021-2026 (\$ millions)

Figure 78. Australia SPR Sensor Chips and Supporting Consumables Revenue Growth 2021-2026 (\$ millions)

Figure 79. China Taiwan SPR Sensor Chips and Supporting Consumables Revenue Growth 2021-2026 (\$ millions)

Figure 80. Europe SPR Sensor Chips and Supporting Consumables Sales Market Share by Country in 2025

Figure 81. Europe SPR Sensor Chips and Supporting Consumables Revenue Market Share by Country (2021-2026)

Figure 82. Europe SPR Sensor Chips and Supporting Consumables Sales Market Share by Type (2021-2026)

Figure 83. Europe SPR Sensor Chips and Supporting Consumables Sales Market Share by Application (2021-2026)

Figure 84. Germany SPR Sensor Chips and Supporting Consumables Revenue Growth 2021-2026 (\$ millions)

Figure 85. France SPR Sensor Chips and Supporting Consumables Revenue Growth 2021-2026 (\$ millions)

Figure 86. UK SPR Sensor Chips and Supporting Consumables Revenue Growth 2021-2026 (\$ millions)

Figure 87. Italy SPR Sensor Chips and Supporting Consumables Revenue Growth 2021-2026 (\$ millions)

Figure 88. Russia SPR Sensor Chips and Supporting Consumables Revenue Growth 2021-2026 (\$ millions)

Figure 89. Middle East & Africa SPR Sensor Chips and Supporting Consumables Sales Market Share by Country (2021-2026)

Figure 90. Middle East & Africa SPR Sensor Chips and Supporting Consumables Sales Market Share by Type (2021-2026)

Figure 91. Middle East & Africa SPR Sensor Chips and Supporting Consumables Sales Market Share by Application (2021-2026)

Figure 92. Egypt SPR Sensor Chips and Supporting Consumables Revenue Growth 2021-2026 (\$ millions)

Figure 93. South Africa SPR Sensor Chips and Supporting Consumables Revenue Growth 2021-2026 (\$ millions)

Figure 94. Israel SPR Sensor Chips and Supporting Consumables Revenue Growth 2021-2026 (\$ millions)

Figure 95. Turkey SPR Sensor Chips and Supporting Consumables Revenue Growth 2021-2026 (\$ millions)

Figure 96. GCC Countries SPR Sensor Chips and Supporting Consumables Revenue Growth 2021-2026 (\$ millions)

Figure 97. Manufacturing Cost Structure Analysis of SPR Sensor Chips and Supporting Consumables in 2026

Figure 98. Manufacturing Process Analysis of SPR Sensor Chips and Supporting Consumables

Figure 99. Industry Chain Structure of SPR Sensor Chips and Supporting Consumables

Figure 100. Channels of Distribution

Figure 101. Global SPR Sensor Chips and Supporting Consumables Sales Market Forecast by Region (2027-2032)

Figure 102. Global SPR Sensor Chips and Supporting Consumables Revenue Market Share Forecast by Region (2027-2032)

Figure 103. Global SPR Sensor Chips and Supporting Consumables Sales Market Share Forecast by Type (2027-2032)

Figure 104. Global SPR Sensor Chips and Supporting Consumables Revenue Market Share Forecast by Type (2027-2032)

Figure 105. Global SPR Sensor Chips and Supporting Consumables Sales Market Share Forecast by Application (2027-2032)

Figure 106. Global SPR Sensor Chips and Supporting Consumables Revenue Market Share Forecast by Application (2027-2032)

I would like to order

Product name: Global SPR Sensor Chips and Supporting Consumables Market Growth 2026-2032

Product link: <https://marketpublishers.com/r/G4D633A7BCE5EN.html>

Price: US\$ 3,660.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G4D633A7BCE5EN.html>