

# **Artificial Kidney Market Size, Trends, Analysis, and Outlook By Device (Wearable Artificial Kidney, Implantable Artificial Kidney), By End-User (Hospitals, Specialty Clinics, Ambulatory Surgical Centers), by Country, Segment, and Companies, 2024-2032**

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## **Abstracts**

The global Artificial Kidney market size is poised to register 13.8% growth from 2024 to 2032, presenting significant growth prospects for companies operating in the industry. The industry study analyzes the global Artificial Kidney market across By Device (Wearable Artificial Kidney, Implantable Artificial Kidney), By End-User (Hospitals, Specialty Clinics, Ambulatory Surgical Centers)

With the increasing prevalence of end-stage renal disease (ESRD) and the growing burden of kidney transplantation waitlists, there is a rising need for artificial kidney devices and renal replacement therapies that provide sustained dialysis and improve patient survival and quality of life. Market growth is driven by factors such as expanding aging population, the rising incidence of chronic kidney disease (CKD) risk factors such as diabetes and hypertension, and technological advancements in hemodialysis and bioartificial kidney technologies. Additionally, the expanding applications of artificial kidneys in nephrology clinics and dialysis centers, as well as the growing adoption of wearable and implantable dialysis devices for home-based therapy, contribute to market expansion. Further, the development of bioengineered renal scaffolds and cell-based therapies for kidney regeneration, the integration of nanotechnology and microfluidic platforms for blood purification and toxin removal, and the emphasis on patient-centered care and renal recovery are expected to further accelerate market growth in the coming years.

Artificial Kidney Market Drivers, Trends, Opportunities, and Growth Opportunities

*Artificial Kidney Market Size, Trends, Analysis, and Outlook By Device (Wearable Artificial Kidney, Implantabl...*

This comprehensive study discusses the latest trends and the most pressing challenges for industry players and investors. The Artificial Kidney market research analyses the global market trends, key drivers, challenges, and opportunities in the industry. In addition, the latest Future of Artificial Kidney survey report provides the market size outlook across types, applications, and other segments across the world and regions. It provides data-driven insights and actionable recommendations for companies in the Artificial Kidney industry.

### Key market trends defining the global Artificial Kidney demand in 2024 and Beyond

The industry continues to remain an attractive hub for opportunities for both domestic and global vendors. As the market evolves, factors such as emerging market dynamics, demand from end-user sectors, a growing patient base, changes in consumption patterns, and widening distribution channels continue to play a major role.

### Artificial Kidney Market Segmentation- Industry Share, Market Size, and Outlook to 2032

The Artificial Kidney industry comprises a wide range of segments and sub-segments. The rising demand for these product types and applications is supporting companies to increase their investment levels across niche segments. Accordingly, leading companies plan to generate a large share of their future revenue growth from expansion into these niche segments. The report presents the market size outlook across segments to support Artificial Kidney companies scaling up production in these sub-segments with a focus on expanding into emerging countries.

### Key strategies adopted by companies within the Artificial Kidney industry

Leading Artificial Kidney companies are boosting investments to capitalize on untapped potential and future possibilities across niche market segments and surging demand conditions in key regions. Further, companies are leveraging advanced technologies to unlock opportunities and achieve operational excellence. The report provides key strategies opted for by the top 10 Artificial Kidney companies.

### Artificial Kidney Market Study- Strategic Analysis Review

The Artificial Kidney market research report dives deep into the qualitative factors shaping the market, empowering you to make informed decisions-

**Industry Dynamics:** Porter's Five Forces analysis to understand bargaining power, competitive rivalry, and threats that impact long-term strategy formulation.

**Strategic Insights:** Provides valuable perspectives on key players and their approaches based on comprehensive strategy analysis.

**Internal Strengths and Weaknesses:** Develop targeted strategies to leverage strengths, address weaknesses, and capitalize on market opportunities.

**Future Possibilities:** Prepare for diverse outcomes with in-depth scenario analysis. Explore potential market disruptions, technology advancements, and economic changes.

## Artificial Kidney Market Size Outlook- Historic and Forecast Revenue in Three Cases

The Artificial Kidney industry report provides a detailed analysis and outlook of revenue generated by companies from 2018 to 2023. Further, with actual data for 2023, the report forecasts the market size outlook from 2024 to 2032 in three case scenarios- low case, reference case, and high case scenarios.

## Artificial Kidney Country Analysis and Revenue Outlook to 2032

The report analyses 22 countries worldwide including the key driving forces and market size outlook from 2021 to 2032. In addition, region analysis across Asia Pacific, Europe, the Middle East, Africa, North America, and South America is included in the study. For each of the six regions, the market size outlook by segments is forecast for 2032.

## North America Artificial Kidney Market Size Outlook- Companies plan for focused investments in a changing environment

The US continues to remain the market leader in North America, driven by a large consumer base, the presence of well-established providers, and a strong healthcare infrastructure. Leading companies focus on new product launches in the changing environment. The US healthcare expenditure is expected to grow to \$4.8 trillion in 2024 (around 3.7% growth in 2024), potentially driving demand for various Artificial Kidney market segments. Similarly, Strong market demand is encouraging Canadian Artificial Kidney companies to invest in niche segments. Further, as Mexico continues to

strengthen its relations and invest in technological advancements, the Mexico Artificial Kidney market is expected to experience significant expansion, offering lucrative opportunities for both domestic and international stakeholders.

Europe Artificial Kidney Market Size Outlook-Companies investing in assessing consumers, categories, competitors, and capabilities

The German industry remains the major market for companies in the European Artificial Kidney industry with consumers in Germany, France, the UK, Spain, Italy, and others anticipated to register a steady demand throughout the forecast period, driving the overall market prospects. In addition, the proactive approach of vendors in identifying and leveraging new growth prospects positions the European Artificial Kidney market for an upward trajectory, fostering both domestic and international interest. Leading brands operating in the industry are emphasizing effective marketing strategies, innovative product offerings, and a keen understanding of consumer preferences.

Asia Pacific Artificial Kidney Market Size Outlook- an attractive hub for opportunities for both local and global companies

The increasing prevalence of indications, robust healthcare expenditure, and increasing investments in healthcare infrastructure drive the demand for Artificial Kidney in Asia Pacific. In particular, China, India, and South East Asian Artificial Kidney markets present a compelling outlook for 2032, acting as a magnet for both domestic and multinational vendors seeking growth opportunities. Similarly, with a burgeoning population and a rising middle class, India offers a vast consumer market. Japanese and Korean companies are quickly aligning their strategies to navigate changes, explore new markets, and enhance their competitive edge. Our report utilizes in-depth interviews with industry experts and comprehensive data analysis to provide a comprehensive outlook of 6 major countries in the APAC region.

Latin America Artificial Kidney Market Size Outlook- Continued urbanization and rising income levels

Rising income levels contribute to greater purchasing power among consumers, spurring consumption and creating opportunities for market expansion. Continued urbanization and rising income levels are expected to sustainably drive consumption growth in the medium to long term.

Middle East and Africa Artificial Kidney Market Size Outlook- continues its upward

trajectory across segments

Robust demand from Middle Eastern countries including Saudi Arabia, the UAE, Qatar, Kuwait, and other GCC countries supports the overall Middle East Artificial Kidney market potential. Fueled by increasing healthcare expenditure of individuals, growing population, and high prevalence across a few markets drives the demand for Artificial Kidney.

### Artificial Kidney Market Company Profiles

The global Artificial Kidney market is characterized by intense competitive conditions with leading companies opting for aggressive marketing to gain market shares. The report presents business descriptions, SWOT analysis, growth strategies, and financial profiles. Leading companies included in the study are Asahi Kasei Medical Co. Ltd, AWAK Technologies, B. Braun Melsungen AG, Baxter International Inc, DaVita Inc, Fresenius Medical Care AG & Co. KGaA, Kawasumi Laboratories Inc, Medtronic plc, Nanodialysis Inc, Nikkiso Co. Ltd, NIPRO Medical Corp.

### Recent Artificial Kidney Market Developments

The global Artificial Kidney market study presents recent market news and developments including new product launches, mergers, acquisitions, expansions, product approvals, and other updates in the industry.

### Artificial Kidney Market Report Scope

Parameters: Revenue, Volume Price

Study Period: 2023 (Base Year); 2018- 2023 (Historic Period); 2024- 2032 (Forecast Period)

Currency: USD; (Upon request, can be provided in Euro, JPY, GBP, and other Local Currency)

Qualitative Analysis

Pricing Analysis

Value Chain Analysis

SWOT Profile

Market Dynamics- Trends, Drivers, Challenges

Porter's Five Forces Analysis

Macroeconomic Impact Analysis

Case Scenarios- Low, Base, High

Market Segmentation:

By Device

Wearable Artificial Kidney

Implantable Artificial Kidney

By End-User

Hospitals

Specialty Clinics

Ambulatory Surgical Centers

Geographical Segmentation:

North America (3 markets)

Europe (6 markets)

Asia Pacific (6 markets)

Latin America (3 markets)

Middle East Africa (5 markets)

## Companies

Asahi Kasei Medical Co. Ltd

AWAK Technologies

B. Braun Melsungen AG

Baxter International Inc

DaVita Inc

Fresenius Medical Care AG & Co. KGaA

Kawasumi Laboratories Inc

Medtronic plc

Nanodialysis Inc

Nikkiso Co. Ltd

NIPRO Medical Corp

Formats Available: Excel, PDF, and PPT

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AWAK Technologies

B. Braun Melsungen AG

Baxter International Inc

DaVita Inc

Fresenius Medical Care AG & Co. KGaA

Kawasumi Laboratories Inc

Medtronic plc

Nanodialysis Inc

Nikkiso Co. Ltd

NIPRO Medical Corp.

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