

Tissue Banking Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2023-2028

Market Report | 2023-11-24 | 144 pages | IMARC Group

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Report description:

The global tissue banking market size reached US\$ 1.6 Billion in 2022. Looking forward, IMARC Group expects the market to reach US\$ 3.1 Billion by 2028, exhibiting a growth rate (CAGR) of 11.65% during 2022-2028.

Tissue banking refers to the process of collecting, preparing, and preserving transplantable human tissues for potential therapeutic uses. The tissues obtained are utilized in healing and replacing the affected or lost tissues of the patients. They are also used to repair damaged heart muscles, treat spinal cord injuries, and heal skin from severe burns. At present, advancements in clinical trials and biomedical research are contributing to the demand for tissue preservation and banking across the globe.

Tissue Banking Market Trends:

The coronavirus disease (COVID-19) pandemic has caused several deaths globally. As a result, researchers are relying on tissue banks to collect tissue specimens, understand cellular responses and the biological impact of infection and identify new therapeutic interventions and prevention strategies. Apart from this, the growing diagnosis of new diseases is escalating the demand for tissue banking in drug discovery. Moreover, the increasing prevalence of chronic diseases is positively influencing the adoption of tissue banks for the transplantation of bones, tendons, corneas, heart valves, and skin. Additionally, the rising geriatric population, in confluence with the growing number of individuals undergoing surgical interventions, is increasing the use of human tissue allografts across the globe. These tissues are used to repair limbs, relieve pain, and improve patients' life quality. Furthermore, the emerging trend of cosmetic surgeries on account of inflating disposable income and the growing consciousness among individuals about physical appearances is driving the market. Besides this, tissue banks can reduce the risk of bacterial and fungal contamination of tissues by using aseptic surgical techniques, equipment and supplies while processing and storing the tissue from the donor. This, in confluence with rising concerns about cross-infection, is creating a positive market outlook.

Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global tissue banking market report, along with

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forecasts at the global, regional and country level from 2023-2028. Our report has categorized the market based on product, application and tissue type.

Breakup by Product:

- Equipment
 - Cryopreservation Equipment
 - Thawing Equipment
 - Quality Control Equipment
 - Others
- Media and Consumables

Breakup by Application:

- Therapeutics
- Medical Research
- Others

Breakup by Tissue Type:

- Cardiovascular Tissue
- Lung Tissue
- Kidney Tissue
- Pancreas Tissue
- Liver Tissue
- Eye Tissue
- Others

Breakup by Region:

- North America
 - United States
 - Canada
- Asia-Pacific
 - China
 - Japan
 - India
 - South Korea
 - Australia
 - Indonesia
 - Others
- Europe
 - Germany
 - France
 - United Kingdom
 - Italy
 - Spain

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Russia
Others
Latin America
Brazil
Mexico
Others
Middle East and Africa

Competitive Landscape:

The competitive landscape of the industry has also been examined along with the profiles of the key players being AMS Biotechnology, Beckman Coulter Inc. (Danaher Corporation), Bio-Rad Laboratories Inc., Brooks Life Sciences Inc. (Brooks Automation Inc.), Eppendorf AG, Merck KGaA, PHC Corporation, QIAGEN N.V., Sartorius AG, Taylor-Wharton, Thermo Fisher Scientific Inc., and VWR International LLC (Avantor Inc).

Key Questions Answered in This Report

1. What was the size of the global tissue banking market in 2022?
2. What is the expected growth rate of the global tissue banking market during 2023-2028?
3. What are the key factors driving the global tissue banking market?
4. What has been the impact of COVID-19 on the global tissue banking market?
5. What is the breakup of the global tissue banking market based on the product?
6. What is the breakup of the global tissue banking market based on the application?
7. What is the breakup of the global tissue banking market based on the tissue type?
8. What are the key regions in the global tissue banking market?
9. Who are the key players/companies in the global tissue banking market?

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