

Fetal Bovine Serum Market Report by Product (Charcoal Stripped, Chromatographic, Dialyzed Fetal Bovine Serum, Exosome Depleted, Stem Cell, and Others), Application (Biopharmaceuticals, Cell Culture, Human and Animal Vaccine Production, and Others), End User (Biotechnology and Pharmaceutical Companies, Academic Institutes, Research Laboratories, and Others), and Region 2024-2032

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Abstracts

The global fetal bovine serum market size reached US\$ 1,003.4 Million in 2023. Looking forward, IMARC Group expects the market to reach US\$ 1,592.4 Million by 2032, exhibiting a growth rate (CAGR) of 5.1% during 2024-2032.

Fetal bovine serum (FBS) is a major component of animal cell culture media, which is obtained from bovine fetuses of cows. It has several nutritional and macromolecular factors that are essential for cell growth. Besides this, it also comprises amino acids, sugars, lipids, hormones, and low gamma globulin content. As a result, it is widely utilized in a range of applications, such as providing essential nutrients and facilitating cell survival and proliferation in eukaryotic cell culture. It is also used in research, manufacturing, biotech drugs, and controlling human and veterinary vaccines.

Fetal Bovine Serum Market Trends:

FBS finds application in generating stem cells for treating patients suffering from acute and chronic lung damage due to coronavirus disease (COVID-19). In addition, as it contains growth factors and antibodies that can be utilized in laboratories to keep cells

alive for dividing, growing, and evolving, it plays a pivotal role in various scientific research. This, along with significant growth in the research and development (R&D) activities on account of increasing funding by governing and private agencies to introduce novel biopharmaceuticals, is catalyzing the demand for FBS worldwide. Furthermore, the escalating demand for biopharma products on account of the growing prevalence of acute and chronic diseases is contributing to the growth of the market. Apart from this, the emerging trend of nuclear families and inflating income levels are positively influencing pet ownership and humanization, which is resulting in the increasing adoption of companion animals across the globe. This, along with the rising consumption of animal-derived products, is anticipated to fuel the need for FBS in veterinary diagnostics and vaccines to prevent infectious diseases around the world.

Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global fetal bovine serum market report, along with forecasts at the global, regional and country level from 2024-2032. Our report has categorized the market based on product, application and end user.

Breakup by Product:

- Charcoal Stripped
- Chromatographic
- Dialyzed Fetal Bovine Serum
- Exosome Depleted
- Stem Cell
- Others

Breakup by Application:

- Biopharmaceuticals
- Cell Culture

Human and Animal Vaccine Production

Others

Breakup by End User:

Biotechnology and Pharmaceutical Companies

Academic Institutes

Research Laboratories

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

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 Atlas Biologicals Inc., Biological Industries (Sartorius AG), Bio-Techne Corporation, BioWest, Bovogen Biologicals Pty Ltd., General Electric Company, HiMedia Laboratories, Merck KGaA, PAN-Biotech, Rocky Mountain Biologicals, TCS Biosciences Ltd and Thermo Fisher Scientific Inc.

Key Questions Answered in This Report

1. What was the size of the global fetal bovine serum market in 2023?
2. What is the expected growth rate of the global fetal bovine serum market during 2024-2032?
3. What has been the impact of COVID-19 on the global fetal bovine serum market?
4. What are the key factors driving the global fetal bovine serum market?
5. What is the breakup of the global fetal bovine serum market based on the product?
6. What is the breakup of the global fetal bovine serum market based on the application?
7. What is the breakup of the global fetal bovine serum market based on the end user?
8. What are the key regions in the global fetal bovine serum market?
9. Who are the key players/companies in the global fetal bovine serum market?

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