

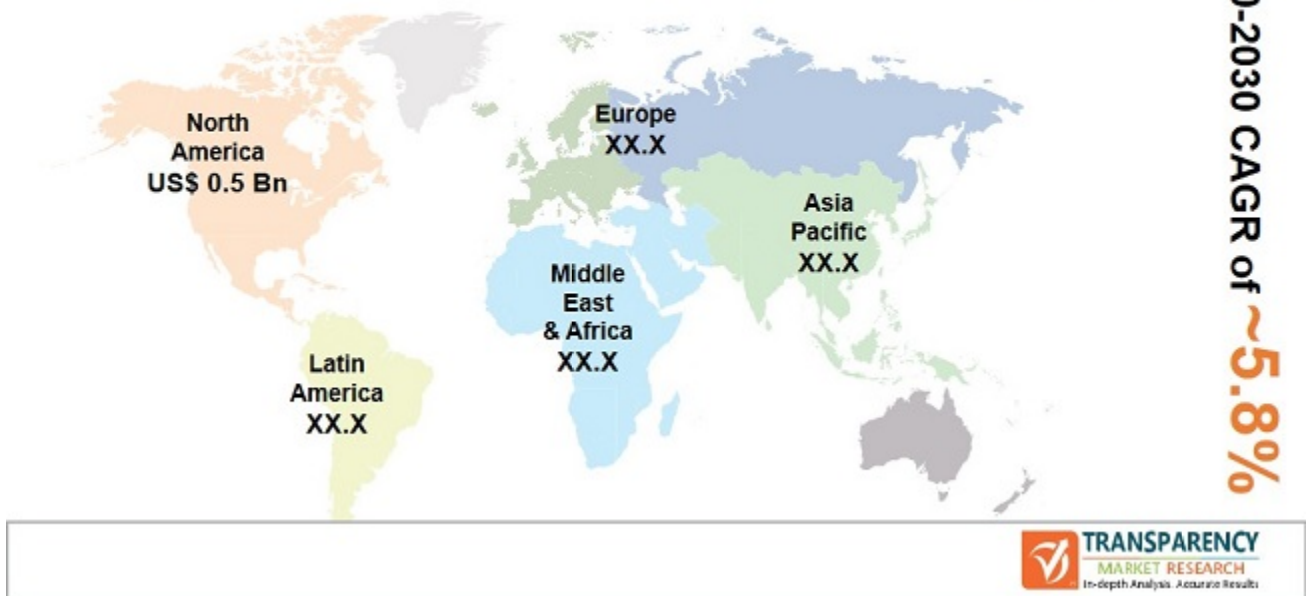
Fetal Bovine Serum Market

Fetal Bovine Serum Market (Application Type - Drug Discovery, Cell Culture Media, In vitro Fertilization, Human and Animal Vaccine Production, and Diagnostics; End-user - Research & Academic Institutes, and Industry (pharma, biotech, etc.)) - Global Industry Analysis, Size, Share, Growth, Trends and Forecast 2019 - 2027

- According to Transparency Market Research's latest report on the global Fetal Bovine Serum Market for the historical period **2017–2018** and forecast period **2019–2027**, Increased demand for fetal bovine serum in the growing pharmaceutical & biotechnology industry, Increase in academic research worldwide and Rising consumption of fetal bovine serum in emerging markets are the factors projected to drive the global Fetal Bovine Serum Market during the forecast period.
- According to the report, the global Fetal Bovine Serum Market was valued at **US\$ 0.9 Bn** in **2018** and is anticipated to expand at a CAGR of **5.8%** from **2019** to **2027**

Fetal Bovine Serum Market Revenue Share

By Region 2019 (US\$ Bn)



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Increased demand for fetal bovine serum in the growing pharmaceutical & biotechnology industry: Key Drivers

- The number of pharmaceutical companies is increasing across the globe. A majority of existing as well as new pharmaceutical companies are focusing more on research and development activities.
- Funding for research projects by academic research institutes is also on the rise. Due to this, the demand for fetal bovine serum is increasing. However, suppliers are not been able to meet the demand for fetal bovine serum due to shortage of fetal bovine blood. This has led to significant increase in prices of fetal bovine serum. This price rise is expected to drive the global fetal bovine serum market in the near future.
- The global pharmaceutical expenditure on R&D stood at **US\$ 157 Bn in 2016**, an increase of **6.1%** over the expenditure in **2015** i.e. **US\$ 148 Bn**
- The global research & development expenditure increased by **12.0%** from **US\$ 40.6 Bn in 2015** to **US\$ 45.7 Bn in 2016**
- The research & development expenditure of biotech companies in the U.K. stood at **US\$ 1.2 Bn in 2013**
- Various government initiatives are supporting the research & development activities of the pharmaceutical & biotechnology industry. Hence, use of fetal bovine serum is also increasing. Similarly, production of biopharmaceutical products such as vaccines is also rising in order to meet the global demand for [vaccines](#).

Increase in academic research worldwide Boost Market Growth

- Fetal bovine serum is a major raw material used in biotechnology, pharmaceutical, diagnostics, and veterinary industries. Research & development activities in the academic sector heavily rely on fetal bovine serum due to its proven effectiveness and safety. Various governments are collaborating with academic research institutes for research requirements.
- Increase in the number of academic research institutes worldwide is expected to augment the demand for fetal bovine serum during the forecast period. This is expected to drive the global fetal bovine serum market from **2019** to **2027**.

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Rising consumption of fetal bovine serum in emerging markets

- Demand for fetal bovine serum from emerging markets such as China, India, South Korea, and countries of the Middle East is increasing. China recently allowed to import fetal bovine serum from the U.S., for the first time after **2003**, to fulfill the domestic demand. Demand for fetal bovine serum from South Korea has been rising continuously.
- Statistics suggest that the consumption of fetal bovine serum imported from the U.S. by South Korea in **2015** stood at **20,000** liters, which is expected to increase in the next few years
- The increasing number of contract research organizations in Asia, especially China and India, is driving the demand for fetal bovine serum in the region. This, in turn, is expected to drive the global fetal bovine serum market during the forecast period.

Ethical and scientific issues associated with fetal bovine serum to Hamper Market

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Global Fetal Bovine Serum Market: Competitive Landscape

- This report profiles major players in the global Fetal Bovine Serum Market based on various attributes such as company overview, financial overview, product portfolio, business strategies, and recent developments
- The global Fetal Bovine Serum Market is highly fragmented, with the presence of a number of international as well as regional players
- Leading players operating in the global
 - Fetal Bovine Serum Market are Merck KGa
 - GE Healthcare
 - Thermo Fisher Scientific Inc.
 - TCS Biosciences Ltd.
 - HiMedia Laboratories
 - Atlanta Biologicals, Inc.
 - PAN-Biotech
 - Rocky Mountain Biologicals
 - Bovogen Biologicals Pty Ltd.
 - Tissue Culture Biologicals

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Global Fetal Bovine Serum Market: Key Developments

Key players in the global Fetal Bovine Serum Market are engaged in regulatory approvals, technologically advanced products, launch of new products, and acquisition & collaborative agreements with other companies. These strategies are likely to fuel the growth of the global Fetal Bovine Serum Market. A few expansion strategies adopted by players operating in the global Fetal Bovine Serum Market are:

- In **November 2017**, Merck announced its plan for the extension of its strategic alliance with Samsung BioLogics on biopharmaceutical manufacturing and [biologics](#) process development
- In **October, 2017**, Merck announced patent issuance by the Canadian Patent Office for its application covering the company's CRISPR technology used in a genomic-integration method
- In **October, 2017**, the company announced opening of Life Science Center in Burlington, Massachusetts with focus on scientific advancement and customer collaboration
- In **September, 2017**, the company announced the opening of its first BioReliance End-to-End Bio development Center in the Asia Pacific (APAC) region in China

- In **May 2017**, the company launched EX-CELL Advanced HD Perfusion Medium, an industry's first off-the-shelf [cell culture](#) media for perfusion processes
- In **January 2016**, Thermo Fisher Scientific, Inc. acquired Affymetrix and incorporated the company under its Life Sciences Solutions segment
- In **May 2016**, Thermo Fisher Scientific acquired FEI, a high-performance electron microscopy company. This acquisition helped Thermo Fisher Scientific strengthen its presence in the global market.
- In **July 2017**, GE Healthcare and HeartFlow, Inc. entered into a global collaboration agreement to increase clinical availability and adoption of HeartFlow FFRct. The collaboration will involve computed tomography (CT) scanners from GE Healthcare with HeartFlow FFRc.
- In **May 2017**, Partners HealthCare and GE Healthcare entered into a 10-year collaboration to integrate artificial intelligence into every aspect of patients' journey

The report on the global Fetal Bovine Serum Market discussed individual strategies, followed by company profiles of manufacturers of Fetal Bovine Serum. The competitive landscape section has been included in the report to provide readers with a dashboard view and a company market share analysis of key players operating in the global Fetal Bovine Serum Market.