

# **South Korea In Vitro Fertilization (IVF) Market Report by Product (Reagent, Instrument, Accessories), Procedure Type (Fresh Donor, Frozen Donor, Fresh Non-donor, Frozen Non-donor), Cycle Type (Conventional IVF, IVF with ICSI, IVF with Donor Eggs), End User (Fertility Clinics, Hospitals, and Others), and Region 2026-2034**

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## **Abstracts**

South Korea in vitro fertilization (IVF) market size reached USD 573.2 Million in 2025. Looking forward, IMARC Group expects the market to reach USD 1,871.6 Million by 2034, exhibiting a growth rate (CAGR) of 14.05% during 2026-2034. The growing awareness about fertility treatments and options, rising focus on patient-centric and personalized treatment solutions, and increasing prevalence of infertility issues due to changing lifestyle represent some of the key factors driving the market.

In vitro fertilization (IVF) is a medically assisted reproductive technology that enables individuals struggling with infertility to conceive a child. It comprises egg retrieval, ovulation stimulation, fertilization, sperm collection, embryo culturing, embryo transfer, and pregnancy test. It has relatively high success rates as compared to some other fertility treatment options. It plays a crucial role in achieve parenthood when natural conception is not possible. It provides hope to people with blocked fallopian tubes, male infertility, endometriosis, polycystic ovary syndrome (PCOS), unexplained infertility, and advanced maternal age. It enables healthcare professionals to tailor the procedure to the specific needs of each patient, considering factors, such as the cause of infertility, age, and medical history. It allows for genetic testing of embryos before implantation, enabling couples to identify and select embryos free from genetic disorders or chromosomal abnormalities. It enables individuals facing medical conditions, such as

cancer, to preserve their fertility by freezing and storing eggs or embryos before undergoing treatments that may harm their reproductive health. As it is also beneficial in reducing the risk of genetic conditions in offspring, the demand for IVF is increasing in South Korea.

#### SOUTH KOREA IN VITRO FERTILIZATION (IVF) MARKET TRENDS:

At present, the rising adoption of IVF, as it can help with male infertility issues, such as low sperm count or motility, represents one of the primary factors contributing to the growth of the market in South Korea. In line with this, the growing demand for IVF on account of the increasing thriving medical tourism in the country is offering a positive market outlook. Moreover, advancements in technology, such as pre-implantation genetic testing (PGT), provide higher chances of successful pregnancies, which is bolstering the market growth. Apart from this, there is a rise in the demand for reliable and affordable treatment options. This, coupled with the increasing prevalence of infertility issues due to changing lifestyle factors is supporting the market growth. Additionally, the rising awareness about fertility treatments and options is strengthening the market growth in South Korea. Besides this, the escalating demand for patient-centric and personalized treatment solutions, along with the increasing adoption of IVF, as it has higher success rates compared to other traditional procedures, is positively influencing the market. Furthermore, the rising acceptance of IVF treatment procedures among individuals is offering lucrative growth opportunities to industry investors. In addition, the increasing number of advanced IVF clinics and skilled healthcare professionals in South Korea is propelling the growth of the market.

#### SOUTH KOREA IN VITRO FERTILIZATION (IVF) MARKET SEGMENTATION:

IMARC Group provides an analysis of the key trends in each segment of the market, along with forecasts at the country level for 2026-2034. Our report has categorized the market based on product, procedure type, cycle type, and end user.

##### Product Insights:

Reagent

Cryopreservation Media

Embryo Culture Media

Ovum Processing Media

Sperm Processing Media

Instrument

Imaging Systems

Incubators

Cryosystems

IVF Cabinet

Ovum Aspiration Pump

Sperm Separation Systems

Micromanipulator Systems

Others

Accessories

The report has provided a detailed breakup and analysis of the market based on the product. This includes reagent (cryopreservation media, embryo culture media, ovum processing media, and sperm processing media), instrument (imaging systems, incubators, cryosystems, IVF cabinet, ovum aspiration pump, sperm separation systems, micromanipulator systems, and others), and accessories.

Procedure Type Insights:

Fresh Donor

Frozen Donor

Fresh Non-donor

## Frozen Non-donor

A detailed breakup and analysis of the market based on the procedure type have also been provided in the report. This includes fresh donor, frozen donor, fresh non-donor, and frozen non-donor.

### Cycle Type Insights:

Conventional IVF

IVF with ICSI

IVF with Donor Eggs

The report has provided a detailed breakup and analysis of the market based on the cycle type. This includes conventional IVF, IVF with ICSI, and IVF with donor eggs.

### End User Insights:

Fertility Clinics

Hospitals

A detailed breakup and analysis of the market based on the end user have also been provided in the report. This includes fertility clinics, hospitals, and others.

### Regional Insights:

Seoul Capital Area

Yeongnam (Southeastern Region)

Honam (Southwestern Region)

Hoseo (Central Region)

The report has also provided a comprehensive analysis of all the major regional markets, which include Seoul Capital Area, Yeongnam (Southeastern Region), Honam (Southwestern Region), Hoseo (Central Region), and Others.

#### COMPETITIVE LANDSCAPE:

The market research report has also provided a comprehensive analysis of the competitive landscape. Competitive analysis such as market structure, key player positioning, top winning strategies, competitive dashboard, and company evaluation quadrant has been covered in the report. Also, detailed profiles of all major companies have been provided.

#### KEY QUESTIONS ANSWERED IN THIS REPORT

How has the South Korea in vitro fertilization (IVF) market performed so far and how will it perform in the coming years?

What has been the impact of COVID-19 on the South Korea in vitro fertilization (IVF) market?

What is the breakup of the South Korea in vitro fertilization (IVF) market on the basis of product?

What is the breakup of the South Korea in vitro fertilization (IVF) market on the basis of procedure type?

What is the breakup of the South Korea in vitro fertilization (IVF) market on the basis of cycle type?

What is the breakup of the South Korea in vitro fertilization (IVF) market on the basis of end user?

What are the various stages in the value chain of the South Korea in vitro fertilization (IVF) market?

What are the key driving factors and challenges in the South Korea in vitro fertilization (IVF)?

What is the structure of the South Korea in vitro fertilization (IVF) market and who are the key players?

What is the degree of competition in the South Korea in vitro fertilization (IVF) market?

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