

# Japan Antiplatelet Drugs Market Report and Forecast 2025-2034

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#### **Report description:**

The Japan antiplatelet drugs market was valued at USD 195.05 Million in 2024 driven by the growing cardiovascular disease burden and an aging population, creating consistent demand for preventive therapies across the region. It is expected to grow at a CAGR of 6.80% during the forecast period of 2025-2034 and attain a market value of USD 376.58 Million by 2034. The growing pipeline of next-generation antiplatelet agents and Japan's focus on personalized medicine is propelling the market. Additionally, strong regulatory support and increased R&D investments are expected to fuel market expansion during the forecast period.

Japan Antiplatelet Drugs Market Overview

Antiplatelet drugs are medications that prevent blood cells called platelets from clumping together, reducing the risk of blood clots. They are widely used to prevent heart attacks, strokes, and other cardiovascular events by improving blood flow in arteries. Commonly prescribed after surgeries or for patients with heart disease, these drugs play a crucial role in managing and reducing the risks associated with thrombosis and atherosclerosis. The market is expected to grow at a CAGR of 6.80% during the forecast period of 2025-2034 and attain a market value of USD 376.58 Million by 2034.

Japan Antiplatelet Drugs Market Growth Drivers

Innovations in Drug Formulations to Boost Market Growth

The increasing cardiovascular disease rates and growing demand for safer therapies are driving antiplatelet drug innovation in Japan. For instance, in February 2024, the Japan Science and Technology Agency (JST) highlighted the development of a new antiplatelet agent by a research team at Jichi Medical University and Kyoto University. Targeting platelet CLEC-2 receptors, this drug promises reduced bleeding risks. Such targeted innovations are poised to boost the Japanese antiplatelet drugs market during the forecast period.

Japan Antiplatelet Drugs Market Trends

The major market trends include ongoing clinical validation and innovative drug discoveries, accelerating the adoption of safer, more effective antiplatelet therapies in Japan.

Innovative Drug Discoveries to Drive Japan Antiplatelet Drugs Market Demand

In January 2024, researchers at the Tokai University School of Medicine in Japan discovered new diphenyl-tetrazol-propanamide-based compounds with dual inhibitory activity targeting podoplanin- and collagen-induced platelet aggregation. This innovation addresses the limitations of existing antiplatelet agents that often cause serious side effects. Such advancements are expected to expand the treatment landscape, fostering the growth of the market by enabling safer, more targeted therapies for thrombosis and cancer-related clotting complications.

Rise in Research Initiatives to Boost Japan Antiplatelet Drugs Market Growth

In October 2020, The PRASFIT-Practice II post marketing study involving 4,155 Japanese patients with ischemic heart disease confirmed the safety and efficacy of long-term prasugrel therapy, with a 2-year MACE incidence of 3.3% and bleeding events at 2.7%. This robust real-world evidence reinforces the clinical confidence in prasugrel use. Such findings are expected to boost the adoption of advanced antiplatelet therapies, strengthening market growth throughout the forecast period.

Japan Antiplatelet Drugs Market Segmentation

The market report offers a detailed analysis of the market based on the following segments:

Market Breakup by Drugs

- Aspirin
- Clopidogrel
- Ticagrelor
- Prasugrel
- Tirofiban
- Others

Market Breakup by Drug Class

- Platelet Aggregation Inhibitors
- Glycoprotein Platelet Inhibitors
- Others

Market Breakup by Route of Administration

- Oral
- Parenteral

Market Breakup by End User

- Hospitals
- Specialty Clinics

- Others

Market Breakup by Distribution Channel

- Hospitals Pharmacies
- Retail Pharmacies
- Online Pharmacies

Japan Antiplatelet Drugs Market Share

# Aspirin to Lead the Segmentation by Drugs

Aspirin is expected to hold the largest market share due to its long-standing use, affordability, and proven efficacy in preventing cardiovascular events. Its widespread acceptance for primary and secondary prevention of heart attacks and strokes makes it the preferred choice among physicians and patients. Additionally, aspirin's availability in generic form enhances accessibility, driving higher adoption compared to newer, costlier alternatives like ticagrelor or prasugrel. In Japan, where cardiovascular diseases remain a major public health concern, with an incidence rate of 72 per 100,000 population, the need for effective and accessible preventive treatments further reinforces aspirin's dominance in the market.

# Leading Players in the Japan Antiplatelet Drugs Market

The key features of the market report comprise patent analysis, funding and investment analysis, and strategic initiatives by the leading players. The major companies in the market are as follows:

# Bayer AG

Founded in 1863 and headquartered in Leverkusen, Germany, Bayer AG is a global life sciences company with core competencies in healthcare and agriculture. In the antiplatelet drugs market, it is well known for Aspirin Cardio, used widely for cardiovascular event prevention. Bayer focuses on continuous research and development to support cardiovascular health through effective therapeutic solutions.

## Bristol-Myers Squibb

Established in 1887 and based in New York, USA, Bristol-Myers Squibb is a global biopharmaceutical company. It plays a key role in the antiplatelet drugs market through its collaboration with Pfizer on Eliquis, which, while primarily an anticoagulant, influences the cardiovascular segment. The company invests heavily in innovative therapies targeting thrombotic and cardiovascular conditions.

## AstraZeneca plc

Headquartered in Cambridge, UK, and founded in 1999, AstraZeneca is a global biopharmaceutical leader. The company is active in the antiplatelet market with drugs like Brilinta (ticagrelor), used to reduce cardiovascular risks. AstraZeneca's cardiovascular portfolio reflects its commitment to improving outcomes in heart disease through science-led, evidence-based treatment options.

## Daiichi Sankyo

Daiichi Sankyo, established in 2005 and headquartered in Tokyo, Japan, is a leading global pharmaceutical company. It holds a

strong presence in the antiplatelet market, notably through its drug Effient (prasugrel), developed in collaboration with Eli Lilly. The company continues to focus on cardiovascular innovation, aiming to address unmet needs in thrombotic disorders.

Other key players in the market include Dr. Reddy's Laboratories, Mylan N.V., Novartis AG, Merck & Co., Inc., Otsuka Pharmaceutical Company, Ltd., and Teva Pharmaceuticals.

Key Questions Answered in the Japan Antiplatelet Drugs Market

- What was the Japan antiplatelet drugs market value in 2024?
- What is the Japan antiplatelet drugs market forecast outlook for 2025-2034?
- What are the major factors aiding the Japan antiplatelet drugs market demand?
- How has the market performed so far, and how is it anticipated to perform in the coming years?
- What are the market's major drivers, opportunities, and restraints?
- What are the major Japan antiplatelet drugs market trends?
- Which drug will lead the market segment?
- Which drug class will lead the market segment?
- Which route of administration will lead the market segment?
- Which end user will lead the market segment?
- Which distribution channel will lead the market segment?
- Who are the key players involved in the Japan antiplatelet drugs market?
- What are the current unmet needs and challenges in the market?
- How are partnerships, collaborations, mergers, and acquisitions among the key market players shaping the market dynamics?

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