

# **Global Prothrombin Complex Concentrate (PCC) Market Size study, by Product (3-factor PCC, 4-factor PCC), by Application (Acquired Coagulation Factor Deficiency), by End Use and Regional Forecasts 2022-2032**

<https://marketpublishers.com/r/G0896705483CEN.html>

Date: May 2025

Pages: 285

Price: US\$ 3,218.00 (Single User License)

ID: G0896705483CEN

## **Abstracts**

Global Prothrombin Complex Concentrate (PCC) Market is valued approximately at USD 2.1 billion in 2023 and is anticipated to grow with a healthy growth rate of more than 9.40% over the forecast period 2024-2032. The Prothrombin Complex Concentrate (PCC) market is undergoing a profound transformation as healthcare systems across the globe seek rapid and effective solutions for life-threatening bleeding disorders. PCCs—composed of vital clotting factors II, VII, IX, and X—have emerged as cornerstone therapies in managing acquired coagulation deficiencies, particularly among patients requiring urgent reversal of vitamin K antagonists. What sets this market apart is its ability to address critical care needs with precision, speed, and adaptability, often outperforming conventional therapies such as fresh frozen plasma in terms of efficacy and administration time.

Over the past decade, the landscape of anticoagulation management has experienced a paradigm shift, spurred by a significant rise in the prevalence of cardiovascular diseases, trauma cases, and surgical interventions. The increasing adoption of anticoagulants such as warfarin has, in parallel, amplified the demand for reversal agents like PCCs. Advanced hemostatic management protocols in emergency rooms and intensive care units have propelled the clinical significance of these concentrates. Furthermore, favorable reimbursement frameworks and guidelines from leading medical authorities continue to reinforce their utilization. However, high treatment costs, limited awareness in underdeveloped regions, and the need for skilled administration remain noteworthy challenges that could temper widespread adoption.

As the market matures, innovation is steering the growth trajectory. Pharmaceutical companies are exploring the development of next-generation PCCs with extended half-lives and tailored compositions, aligning with the principles of precision medicine. Moreover, increased investments in hematology-focused R&D, along with rising clinical trials to expand the indication base for PCCs, have created a fertile environment for progress. Regulatory bodies such as the FDA and EMA are also playing a pivotal role by streamlining approval pathways for novel therapies, catalyzing faster time-to-market for life-saving PCC formulations.

Geographical analysis reveals a dynamic market structure with varying levels of maturity and opportunity. North America dominates the global PCC market, buoyed by its technologically advanced healthcare infrastructure, strong presence of major players, and proactive regulatory stance. The United States continues to lead in terms of demand generation due to a higher incidence of anticoagulant-related complications and aggressive therapeutic protocols in trauma care. Europe follows closely, with countries like Germany and the UK exhibiting significant uptake supported by structured emergency healthcare systems and awareness campaigns. Meanwhile, Asia Pacific is poised to witness the fastest CAGR over the forecast period, driven by expanding healthcare access, aging populations, and increased incidence of cardiovascular events in countries such as China, India, and Japan. Latin America and the Middle East & Africa are gradually gaining momentum as emerging markets prioritize investment in advanced critical care solutions and trauma management.

**Major market player included in this report are:**

CSL Behring

Grifols S.A.

Kedrion Biopharma Inc.

Octapharma AG

Sanquin

Takeda Pharmaceutical Company Limited

LFB S.A.

BPL (Bio Products Laboratory)

Pfizer Inc.

Baxter International Inc.

Biotest AG

Novo Nordisk A/S

Emergent BioSolutions Inc.

HEMA Biologics, LLC

Shanghai RAAS Blood Products Co., Ltd.

**The detailed segments and sub-segment of the market are explained below:**

By Product

3-factor PCC

4-factor PCC

By Application

Acquired Coagulation Factor Deficiency

By End Use

Hospitals

Ambulatory Surgical Centers

Others

## By Region:

### North America

U.S.

Canada

### Europe

UK

Germany

France

Spain

Italy

Rest of Europe

### Asia Pacific

China

India

Japan

Australia

South Korea

Rest of Asia Pacific

## Latin America

Brazil

Mexico

Rest of Latin America

## Middle East & Africa

Saudi Arabia

South Africa

Rest of Middle East & Africa

## **Years considered for the study are as follows:**

Historical year – 2022

Base year – 2023

Forecast period – 2024 to 2032

## **Key Takeaways:**

Market Estimates & Forecast for 10 years from 2022 to 2032.

Annualized revenues and regional level analysis for each market segment.

Detailed analysis of geographical landscape with Country level analysis of major regions.

Competitive landscape with information on major players in the market.

Analysis of key business strategies and recommendations on future market approach.

Analysis of competitive structure of the market.

Demand side and supply side analysis of the market.

### Companies Mentioned

CSL Behring

Grifols S.A.

Kedrion Biopharma Inc.

Octapharma AG

Sanquin

Takeda Pharmaceutical Company Limited

LFB S.A.

BPL (Bio Products Laboratory)

Pfizer Inc.

Baxter International Inc.

Biotest AG

Novo Nordisk A/S

Emergent BioSolutions Inc.

HEMA Biologics, LLC

Shanghai RAAS Blood Products Co., Ltd.



## Contents

### **CHAPTER 1. GLOBAL PROTHROMBIN COMPLEX CONCENTRATE (PCC) MARKET EXECUTIVE SUMMARY**

- 1.1. Global Prothrombin Complex Concentrate (PCC) Market Size & Forecast (2022–2032)
- 1.2. Regional Summary
- 1.3. Segmental Summary
  - 1.3.1. By Product
  - 1.3.2. By Application
  - 1.3.3. By End Use
- 1.4. Key Trends
- 1.5. Recession Impact
- 1.6. Analyst Recommendation & Conclusion

### **CHAPTER 2. GLOBAL PROTHROMBIN COMPLEX CONCENTRATE (PCC) MARKET DEFINITION AND RESEARCH ASSUMPTIONS**

- 2.1. Research Objective
- 2.2. Market Definition
- 2.3. Research Assumptions
  - 2.3.1. Inclusion & Exclusion
  - 2.3.2. Limitations
  - 2.3.3. Supply Side Analysis
    - 2.3.3.1. Availability
    - 2.3.3.2. Infrastructure
    - 2.3.3.3. Regulatory Environment
    - 2.3.3.4. Market Competition
    - 2.3.3.5. Economic Viability (Consumer's Perspective)
  - 2.3.4. Demand Side Analysis
    - 2.3.4.1. Regulatory Frameworks
    - 2.3.4.2. Technological Advancements
    - 2.3.4.3. Environmental Considerations
    - 2.3.4.4. Consumer Awareness & Acceptance
- 2.4. Estimation Methodology
- 2.5. Years Considered for the Study
- 2.6. Currency Conversion Rates



## **CHAPTER 3. GLOBAL PROTHROMBIN COMPLEX CONCENTRATE (PCC) MARKET DYNAMICS**

### **3.1. Market Drivers**

- 3.1.1. Rising prevalence of cardiovascular diseases and anticoagulant use
- 3.1.2. Enhanced hemostatic protocols and favorable reimbursement policies
- 3.1.3. Innovation toward next-generation, extended-half-life PCC formulations

### **3.2. Market Challenges**

- 3.2.1. High treatment and therapy administration costs
- 3.2.2. Limited awareness and access in underdeveloped regions

### **3.3. Market Opportunities**

- 3.3.1. Precision-medicine-driven tailored PCC therapies
- 3.3.2. Rapid expansion in emerging markets (Asia-Pacific, Latin America)
- 3.3.3. Streamlined regulatory pathways and new clinical indications

## **CHAPTER 4. GLOBAL PROTHROMBIN COMPLEX CONCENTRATE (PCC) MARKET INDUSTRY ANALYSIS**

### **4.1. Porter's Five Forces Model**

- 4.1.1. Bargaining Power of Suppliers
- 4.1.2. Bargaining Power of Buyers
- 4.1.3. Threat of New Entrants
- 4.1.4. Threat of Substitutes
- 4.1.5. Competitive Rivalry
- 4.1.6. Futuristic Approach to Porter's Five Forces
- 4.1.7. Porter's Five Forces Impact Analysis

### **4.2. PESTEL Analysis**

- 4.2.1. Political
- 4.2.2. Economic
- 4.2.3. Social
- 4.2.4. Technological
- 4.2.5. Environmental
- 4.2.6. Legal

### **4.3. Top Investment Opportunities**

### **4.4. Top Winning Strategies**

### **4.5. Disruptive Trends**

### **4.6. Industry Expert Perspective**

### **4.7. Analyst Recommendation & Conclusion**

## **CHAPTER 5. GLOBAL PROTHROMBIN COMPLEX CONCENTRATE (PCC) MARKET SIZE & FORECASTS BY PRODUCT (2022–2032)**

### 5.1. Segment Dashboard

### 5.2. Global PCC Market: {Product} Revenue Trend Analysis, 2022 & 2032 (USD Million/Billion)

#### 5.2.1. 3-factor PCC

#### 5.2.2. 4-factor PCC

## **CHAPTER 6. GLOBAL PROTHROMBIN COMPLEX CONCENTRATE (PCC) MARKET SIZE & FORECASTS BY APPLICATION (2022–2032)**

### 6.1. Segment Dashboard

### 6.2. Global PCC Market: {Application} Revenue Trend Analysis, 2022 & 2032 (USD Million/Billion)

#### 6.2.1. Acquired Coagulation Factor Deficiency

## **CHAPTER 7. GLOBAL PROTHROMBIN COMPLEX CONCENTRATE (PCC) MARKET SIZE & FORECASTS BY END USE (2022–2032)**

### 7.1. Segment Dashboard

### 7.2. Global PCC Market: {End Use} Revenue Trend Analysis, 2022 & 2032 (USD Million/Billion)

#### 7.2.1. Hospitals

#### 7.2.2. Ambulatory Surgical Centers

#### 7.2.3. Others

## **CHAPTER 8. GLOBAL PROTHROMBIN COMPLEX CONCENTRATE (PCC) MARKET SIZE & FORECASTS BY REGION (2022–2032)**

### 8.1. North America PCC Market

#### 8.1.1. U.S. PCC Market

##### 8.1.1.1. By Product breakdown size & forecasts, 2022–2032

##### 8.1.1.2. By Application breakdown size & forecasts, 2022–2032

##### 8.1.1.3. By End Use breakdown size & forecasts, 2022–2032

#### 8.1.2. Canada PCC Market

### 8.2. Europe PCC Market

#### 8.2.1. UK PCC Market

#### 8.2.2. Germany PCC Market

- 8.2.3. France PCC Market
- 8.2.4. Spain PCC Market
- 8.2.5. Italy PCC Market
- 8.2.6. Rest of Europe PCC Market
- 8.3. Asia Pacific PCC Market
  - 8.3.1. China PCC Market
  - 8.3.2. India PCC Market
  - 8.3.3. Japan PCC Market
  - 8.3.4. Australia PCC Market
  - 8.3.5. South Korea PCC Market
  - 8.3.6. Rest of Asia Pacific PCC Market
- 8.4. Latin America PCC Market
  - 8.4.1. Brazil PCC Market
  - 8.4.2. Mexico PCC Market
  - 8.4.3. Rest of Latin America PCC Market
- 8.5. Middle East & Africa PCC Market
  - 8.5.1. Saudi Arabia PCC Market
  - 8.5.2. South Africa PCC Market
  - 8.5.3. Rest of Middle East & Africa PCC Market

## **CHAPTER 9. COMPETITIVE INTELLIGENCE**

- 9.1. Key Company SWOT Analysis
  - 9.1.1. CSL Behring
  - 9.1.2. Grifols S.A.
  - 9.1.3. Kedrion Biopharma Inc.
- 9.2. Top Market Strategies
- 9.3. Company Profiles
  - 9.3.1. CSL Behring
    - 9.3.1.1. Key Information
    - 9.3.1.2. Overview
    - 9.3.1.3. Financial (Subject to Data Availability)
    - 9.3.1.4. Product Summary
    - 9.3.1.5. Market Strategies
  - 9.3.2. Grifols S.A.
  - 9.3.3. Kedrion Biopharma Inc.
  - 9.3.4. Octapharma AG
  - 9.3.5. Sanquin
  - 9.3.6. Takeda Pharmaceutical Company Limited

- 9.3.7. LFB S.A.
- 9.3.8. BPL (Bio Products Laboratory)
- 9.3.9. Pfizer Inc.
- 9.3.10. Baxter International Inc.
- 9.3.11. Biotest AG
- 9.3.12. Novo Nordisk A/S
- 9.3.13. Emergent BioSolutions Inc.
- 9.3.14. HEMA Biologics, LLC
- 9.3.15. Shanghai RAAS Blood Products Co., Ltd.

## **CHAPTER 10. RESEARCH PROCESS**

- 10.1. Research Process
  - 10.1.1. Data Mining
  - 10.1.2. Analysis
  - 10.1.3. Market Estimation
  - 10.1.4. Validation
  - 10.1.5. Publishing
- 10.2. Research Attributes

## List Of Tables

### LIST OF TABLES

TABLE 1. Global PCC market, report scope

TABLE 2. Global PCC market estimates & forecasts by Region 2022–2032 (USD Million/Billion)

TABLE 3. Global PCC market estimates & forecasts by Product 2022–2032 (USD Million/Billion)

TABLE 4. Global PCC market estimates & forecasts by Application 2022–2032 (USD Million/Billion)

TABLE 5. Global PCC market estimates & forecasts by End Use 2022–2032 (USD Million/Billion)

TABLE 6. Global PCC market by segment, estimates & forecasts, 2022–2032 (USD Million/Billion)

TABLE 7. Global PCC market by region, estimates & forecasts, 2022–2032 (USD Million/Billion)

TABLE 8. U.S. PCC market estimates & forecasts, 2022–2032 (USD Million/Billion)

TABLE 9. U.S. PCC market estimates & forecasts by segment 2022–2032 (USD Million/Billion)

TABLE 10. Canada PCC market estimates & forecasts, 2022–2032 (USD Million/Billion)

TABLE 11. UK PCC market estimates & forecasts, 2022–2032 (USD Million/Billion)

TABLE 12. Germany PCC market estimates & forecasts, 2022–2032 (USD Million/Billion)

TABLE 13. France PCC market estimates & forecasts, 2022–2032 (USD Million/Billion)

TABLE 14. Spain PCC market estimates & forecasts, 2022–2032 (USD Million/Billion)

TABLE 15. Italy PCC market estimates & forecasts, 2022–2032 (USD Million/Billion)

TABLE 16. China PCC market estimates & forecasts, 2022–2032 (USD Million/Billion)

TABLE 17. India PCC market estimates & forecasts, 2022–2032 (USD Million/Billion)

TABLE 18. Japan PCC market estimates & forecasts, 2022–2032 (USD Million/Billion)

TABLE 19. Brazil PCC market estimates & forecasts, 2022–2032 (USD Million/Billion)

TABLE 20. Mexico PCC market estimates & forecasts, 2022–2032 (USD Million/Billion)

## List Of Figures

### LIST OF FIGURES

- FIG 1. Global PCC market, research methodology
- FIG 2. Global PCC market, market estimation techniques
- FIG 3. Global market size estimates & forecast methods
- FIG 4. Global PCC market, key trends 2023
- FIG 5. Global PCC market, growth prospects 2022–2032
- FIG 6. Global PCC market, Porter's Five Forces model
- FIG 7. Global PCC market, PESTEL analysis
- FIG 8. Global PCC market, value chain analysis
- FIG 9. Global PCC market by segment, 2022 & 2032 (USD Million/Billion)
- FIG 10. Global PCC market by segment, 2022 & 2032 (USD Million/Billion)
- FIG 11. Global PCC market by segment, 2022 & 2032 (USD Million/Billion)
- FIG 12. Global PCC market by segment, 2022 & 2032 (USD Million/Billion)
- FIG 13. Global PCC market by segment, 2022 & 2032 (USD Million/Billion)
- FIG 14. Global PCC market, regional snapshot 2022 & 2032
- FIG 15. North America PCC market 2022 & 2032 (USD Million/Billion)
- FIG 16. Europe PCC market 2022 & 2032 (USD Million/Billion)
- FIG 17. Asia-Pacific PCC market 2022 & 2032 (USD Million/Billion)
- FIG 18. Latin America PCC market 2022 & 2032 (USD Million/Billion)
- FIG 19. Middle East & Africa PCC market 2022 & 2032 (USD Million/Billion)
- FIG 20. Global PCC market, company market share analysis (2023)

## I would like to order

Product name: Global Prothrombin Complex Concentrate (PCC) Market Size study, by Product (3-factor PCC, 4-factor PCC), by Application (Acquired Coagulation Factor Deficiency), by End Use and Regional Forecasts 2022-2032

Product link: <https://marketpublishers.com/r/G0896705483CEN.html>

Price: US\$ 3,218.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G0896705483CEN.html>