

# Global Blood Irradiation Market Research Report 2016-2026

<https://marketpublishers.com/r/G08729F9526EN.html>

Date: August 2021

Pages: 89

Price: US\$ 1,800.00 (Single User License)

ID: G08729F9526EN

## Abstracts

### SUMMARY

Irradiation of human blood is used to avoid the TA-GVHD (transfusion-associated graft-versus-host-disease), a rare but devastating adverse effect of leukocytes present in blood component for immunocompetent transfusion recipients. It is worth noting that cesium and X-ray irradiators are devices dedicated to blood irradiation, usually operated by specialized institutions or departments external to the healthcare facilities that are actually using the irradiated blood (and thus have to purchase it from the irradiation service providers); in contrast, many user facilities already have LINACs and cobalt sources for cancer therapy and other treatments. These units, although they are designed for other purposes, can be used for blood irradiation on a limited basis. For example, a blood bag holder can be placed where a patient would be exposed and the LINAC operated to irradiate the blood instead of a person.

The global Blood Irradiation market will reach xxx Million USD in 2021 with CAGR xx% 2021-2026. The objective of report is to define, segment, and project the market on the basis of product type, application, and region, and to describe the content about the factors influencing market dynamics, policy, economic, technology and market entry etc.

Based on products type, the report describes major products type share of regional market. Products mentioned as follows:

X-ray Blood Irradiation

Gamma-ray Blood Irradiation

Leading vendors in the market are included based on profile, business performance etc. Vendors mentioned as follows:

Best Theratronics

Hitaci

Gilardoni

Gamma-Service

Cegelec

Rad Source

JL SHEPHERD & ASSOCIATES

Shinva Medical

NPIC

CIF medical

Based on Application, the report describes major application share of regional market. Application mentioned as follows:

Blood Bank

Hospital

Research Institutions

Based on region, the report describes major regions market by products and application. Regions mentioned as follows:

Asia-Pacific

North America

Europe

South America

Middle East & Africa

## Contents

### 1 MARKET OVERVIEW

#### 1.1 Objectives of Research

##### 1.1.1 Definition

Figure Blood Irradiation Picture

##### 1.1.2 Specifications

Table Product Specifications of Blood Irradiation

#### 1.2 Market Segment

##### 1.2.1 by Type

Table Products Segment of Blood Irradiation

Table Global Blood Irradiation Market by Type, 2016-2026 (USD Million)

##### 1.2.1.1 X-ray Blood Irradiation

Table X-ray Blood Irradiation Overview

##### 1.2.1.2 Gamma-ray Blood Irradiation

Table Gamma-ray Blood Irradiation Overview

##### 1.2.2 by Application

Table Application Segment of Blood Irradiation

Table Global Blood Irradiation Market by Application, 2016-2026 (USD Million)

##### 1.2.2.1 Blood Bank

Table Blood Bank Overview

##### 1.2.2.2 Hospital

Table Hospital Overview

##### 1.2.2.3 Research Institutions

Table Research Institutions Overview

##### 1.2.3 by Regions

Table Global Blood Irradiation Market by Region, 2016-2026 (USD Million)

### 2 INDUSTRY CHAIN

#### 2.1 Industry Chain Structure

Figure Industry Chain Structure of Blood Irradiation

#### 2.2 Upstream

Table Cost of Blood Irradiation

Figure Manufacturing Process of Blood Irradiation

#### 2.3 Market

##### 2.3.1 SWOT

Figure SWOT of Blood Irradiation

### 2.3.2 Dynamics

Table Market Dynamics

## **3 ENVIRONMENTAL ANALYSIS**

### 3.1 Policy

Table Policy of Blood Irradiation

### 3.2 Economic

Table GDP of Major Countries

### 3.3 Technology

Table Technology of Blood Irradiation

### 3.4 Market Entry

Table Market Entry of Blood Irradiation

## **4 MARKET SEGMENTATION BY TYPE**

### 4.1 Market Size

#### 4.1.1 X-ray Blood Irradiation Market, 2016-2020

Figure X-ray Blood Irradiation Market Size and Growth, 2016-2020 (USD Million)

Figure X-ray Blood Irradiation Market Size and Growth, 2016-2020 (in Volume)

Table X-ray Blood Irradiation CAGR by Revenue and Volume, 2016-2020

#### 4.1.2 Gamma-ray Blood Irradiation Market, 2016-2020

Figure Gamma-ray Blood Irradiation Market Size and Growth, 2016-2020 (USD Million)

Figure Gamma-ray Blood Irradiation Market Size and Growth, 2016-2020 (in Volume)

Table Gamma-ray Blood Irradiation CAGR by Revenue and Volume, 2016-2020

### 4.2 Market Forecast

#### 4.2.1 X-ray Blood Irradiation Market Forecast, 2021-2026

Figure X-ray Blood Irradiation Market Estimates and Forecasts, 2021-2026 (USD Million)

Figure X-ray Blood Irradiation Market Estimates and Forecasts, 2021-2026 (in Volume)

Table X-ray Blood Irradiation CAGR by Revenue and Volume, 2016-2026

#### 4.2.2 Gamma-ray Blood Irradiation Market Forecast, 2021-2026

Figure Gamma-ray Blood Irradiation Market Estimates and Forecasts, 2021-2026 (USD Million)

Figure Gamma-ray Blood Irradiation Market Estimates and Forecasts, 2021-2026 (in Volume)

Table Gamma-ray Blood Irradiation CAGR by Revenue and Volume, 2016-2026

## **5 MARKET SEGMENTATION BY APPLICATION**

## 5.1 Market Size

### 5.1.1 Blood Bank Market, 2016-2020

Figure Blood Bank Market Size and Growth, 2016-2020 (USD Million)

Figure Market Size and Growth, 2016-2020 (in Volume)

Table Blood Bank CAGR by Revenue and Volume, 2016-2020

### 5.1.2 Hospital Market, 2016-2020

Figure Hospital Market Size and Growth, 2016-2020 (USD Million)

Figure Market Size and Growth, 2016-2020 (in Volume)

Table Hospital CAGR by Revenue and Volume, 2016-2020

### 5.1.3 Research Institutions Market, 2016-2020

Figure Research Institutions Market Size and Growth, 2016-2020 (USD Million)

Figure Market Size and Growth, 2016-2020 (in Volume)

Table Research Institutions CAGR by Revenue and Volume, 2016-2020

## 5.2 Market Forecast

### 5.2.1 Blood Bank Market Forecast, 2021-2026

Figure Blood Bank Market Estimates and Forecasts, 2021-2026 (USD Million)

Figure Blood Bank Market Estimates and Forecasts, 2021-2026 (in Volume)

Table Blood Bank CAGR by Revenue and Volume, 2021-2026

### 5.2.2 Hospital Market Forecast, 2021-2026

Figure Hospital Market Estimates and Forecasts, 2021-2026 (USD Million)

Figure Hospital Market Estimates and Forecasts, 2021-2026 (in Volume)

Table Hospital CAGR by Revenue and Volume, 2021-2026

### 5.2.3 Research Institutions Market Forecast, 2021-2026

Figure Research Institutions Market Estimates and Forecasts, 2021-2026 (USD Million)

Figure Research Institutions Market Estimates and Forecasts, 2021-2026 (in Volume)

Table Research Institutions CAGR by Revenue and Volume, 2021-2026

## 6 MARKET SEGMENTATION BY REGION

### 6.1 Market Size

#### 6.1.1 Asia-Pacific

##### 6.1.1.1 Asia-Pacific Market, 2016-2020

Figure Asia-Pacific Market Size and Growth, 2016-2020 (USD Million)

Figure Asia-Pacific Market Size and Growth, 2016-2020 (in Volume)

Table Asia-Pacific CAGR by Revenue and Volume, 2016-2020

##### 6.1.1.2 Asia-Pacific Market by Type

Figure Asia-Pacific Market Size by Type

Figure Asia-Pacific Market Share by Type

### 6.1.1.3 Asia-Pacific Market by Application

Figure Asia-Pacific Market Size by Application

Figure Asia-Pacific Market Share by Application

### 6.1.2 North America

#### 6.1.2.1 North America Market, 2016-2020

Figure North America Market Size and Growth, 2016-2020 (USD Million)

Figure North America Market Size and Growth, 2016-2020 (in Volume)

Table North America CAGR by Revenue and Volume, 2016-2020

#### 6.1.2.2 North America Market by Type

Figure North America Market Size by Type

Figure North America Market Share by Type

#### 6.1.2.3 North America Market by Application

Figure North America Market Size by Application

Figure North America Market Share by Application

### 6.1.3 Europe

#### 6.1.3.1 Europe Market, 2016-2020

Figure Europe Market Size and Growth, 2016-2020 (USD Million)

Figure Europe Market Size and Growth, 2016-2020 (in Volume)

Table Europe CAGR by Revenue and Volume, 2016-2020

#### 6.1.3.2 Europe Market by Type

Figure Europe Market Size by Type

Figure Europe Market Share by Type

#### 6.1.3.3 Europe Market by Application

Figure Europe Market Size by Application

Figure Europe Market Share by Application

### 6.1.4 South America

#### 6.1.4.1 South America Market, 2016-2020

Figure South America Market Size and Growth, 2016-2020 (USD Million)

Figure South America Market Size and Growth, 2016-2020 (in Volume)

Table South America CAGR by Revenue and Volume, 2016-2020

#### 6.1.4.2 South America Market by Type

Figure South America Market Size by Type

Figure South America Market Share by Type

#### 6.1.4.3 South America Market by Application

Figure South America Market Size by Application

Figure South America Market Share by Application

### 6.1.5 Middle East & Africa

#### 6.1.5.1 Middle East & Africa Market, 2016-2020

Figure Middle East & Africa Market Size and Growth, 2016-2020 (USD Million)

Figure Middle East & Africa Market Size and Growth, 2016-2020 (in Volume)

Table Middle East & Africa CAGR by Revenue and Volume, 2016-2020

6.1.5.2 Middle East & Africa Market by Type

Figure Middle East & Africa Market Size by Type

Figure Middle East & Africa Market Share by Type

6.1.5.3 Middle East & Africa Market by Application

Figure Middle East & Africa Market Size by Application

Figure Middle East & Africa Market Share by Application

6.2 Market Forecast

6.2.1 Asia-Pacific Market Forecast, 2021-2026

Figure Asia-Pacific Market Estimates and Forecasts, 2021-2026 (USD Million)

Figure Asia-Pacific Market Estimates and Forecasts, 2021-2026 (in Volume)

Table Asia-Pacific CAGR by Revenue and Volume, 2021-2026

6.2.2 North America Market Forecast, 2021-2026

Figure North America Market Estimates and Forecasts, 2021-2026 (USD Million)

Figure North America Market Estimates and Forecasts, 2021-2026 (in Volume)

Table North America CAGR by Revenue and Volume, 2021-2026

6.2.3 Europe Market Forecast, 2021-2026

Figure Europe Market Estimates and Forecasts, 2021-2026 (USD Million)

Figure Europe Market Estimates and Forecasts, 2021-2026 (in Volume)

Table Europe CAGR by Revenue and Volume, 2021-2026

6.2.4 South America Market Forecast, 2021-2026

Figure South America Market Estimates and Forecasts, 2021-2026 (USD Million)

Figure South America Market Estimates and Forecasts, 2021-2026 (in Volume)

Table South America CAGR by Revenue and Volume, 2021-2026

6.2.5 Middle East & Africa Market Forecast, 2021-2026

Figure Middle East & Africa Market Estimates and Forecasts, 2021-2026 (USD Million)

Figure Middle East & Africa Market Estimates and Forecasts, 2021-2026 (in Volume)

Table Middle East & Africa CAGR by Revenue and Volume, 2021-2026

## **7 MARKET COMPETITIVE**

7.1 Global Market by Vendors

Table Global Blood Irradiation Market by Vendors, 2016-2020 (in Volume)

Table Global Blood Irradiation Market Share by Vendors, 2016-2020 (USD Million)

Table Global Blood Irradiation Market Share by Vendors, 2016-2020 (in Volume)

7.2 Market Concentration

Figure Blood Irradiation Market Concentration by Region

7.3 Price & Factors



Table Price Factors List

7.4 Marketing Channel

Figure Marketing Channels Overview

## **8 MAJOR VENDORS**

8.1 Best Theratronics

Table Best Theratronics Profile List

Table Microecological Modulator Operating Data of Best Theratronics (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

8.2 Hitaci

Table Hitaci Profile List

Table Microecological Modulator Operating Data of Hitaci (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

8.3 Gilardoni

Table Gilardoni Profile List

Table Microecological Modulator Operating Data of Gilardoni (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

8.4 Gamma-Service

Table Gamma-Service Profile List

Table Microecological Modulator Operating Data of Gamma-Service (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

8.5 Cegelec

Table Cegelec Profile List

Table Microecological Modulator Operating Data of Cegelec (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

8.6 Rad Source

Table Rad Source Profile List

Table Microecological Modulator Operating Data of Rad Source (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

8.7 JL SHEPHERD & ASSOCIATES

Table JL SHEPHERD & ASSOCIATES Profile List

Table Microecological Modulator Operating Data of JL SHEPHERD & ASSOCIATES (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

8.8 Shinva Medical

Table Shinva Medical Profile List

Table Microecological Modulator Operating Data of Shinva Medical (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

8.9 NPIC

Table NPIC Profile List

Table Microecological Modulator Operating Data of NPIC (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

8.10 CIF medical

Table CIF medical Profile List

Table Microecological Modulator Operating Data of CIF medical (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

## **9 CONCLUSION**

## List Of Tables

### LIST OF TABLES

Table Product Specifications of Blood Irradiation
Table Products Segment of Blood Irradiation
Table Global Blood Irradiation Market by Type, 2016-2026 (USD Million)
Table X-ray Blood Irradiation Overview
Table Gamma-ray Blood Irradiation Overview
Table Application Segment of Blood Irradiation
Table Global Blood Irradiation Market by Application, 2016-2026 (USD Million)
Table Blood Bank Overview
Table Hospital Overview
Table Research Institutions Overview
Table Global Blood Irradiation Market by Region, 2016-2026 (USD Million)
Table Cost of Blood Irradiation
Table Market Dynamics
Table Policy of Blood Irradiation
Table GDP of Major Countries
Table Technology of Blood Irradiation
Table Market Entry of Blood Irradiation
Table X-ray Blood Irradiation CAGR by Revenue and Volume, 2016-2020
Table Gamma-ray Blood Irradiation CAGR by Revenue and Volume, 2016-2020
Table X-ray Blood Irradiation CAGR by Revenue and Volume, 2016-2026
Table Gamma-ray Blood Irradiation CAGR by Revenue and Volume, 2016-2026
Table Blood Bank CAGR by Revenue and Volume, 2016-2020
Table Hospital CAGR by Revenue and Volume, 2016-2020
Table Research Institutions CAGR by Revenue and Volume, 2016-2020
Table Blood Bank CAGR by Revenue and Volume, 2021-2026
Table Hospital CAGR by Revenue and Volume, 2021-2026
Table Research Institutions CAGR by Revenue and Volume, 2021-2026
Table Asia-Pacific CAGR by Revenue and Volume, 2016-2020
Table North America CAGR by Revenue and Volume, 2016-2020
Table Europe CAGR by Revenue and Volume, 2016-2020
Table South America CAGR by Revenue and Volume, 2016-2020
Table Middle East & Africa CAGR by Revenue and Volume, 2016-2020
Table Asia-Pacific CAGR by Revenue and Volume, 2021-2026
Table North America CAGR by Revenue and Volume, 2021-2026
Table Europe CAGR by Revenue and Volume, 2021-2026

Table South America CAGR by Revenue and Volume, 2021-2026

Table Middle East & Africa CAGR by Revenue and Volume, 2021-2026

Table Global Blood Irradiation Market by Vendors, 2016-2020 (in Volume)

Table Global Blood Irradiation Market Share by Vendors, 2016-2020 (USD Million)

Table Global Blood Irradiation Market Share by Vendors, 2016-2020 (in Volume)

Table Price Factors List

Table Best Theratronics Profile List

Table Microecological Modulator Operating Data of Best Theratronics (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

Table Hitaci Profile List

Table Microecological Modulator Operating Data of Hitaci (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

Table Gilardoni Profile List

Table Microecological Modulator Operating Data of Gilardoni (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

Table Gamma-Service Profile List

Table Microecological Modulator Operating Data of Gamma-Service (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

Table Cegelec Profile List

Table Microecological Modulator Operating Data of Cegelec (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

Table Rad Source Profile List

Table Microecological Modulator Operating Data of Rad Source (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

Table JL SHEPHERD & ASSOCIATES Profile List

Table Microecological Modulator Operating Data of JL SHEPHERD & ASSOCIATES (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

Table Shinva Medical Profile List

Table Microecological Modulator Operating Data of Shinva Medical (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

Table NPIC Profile List

Table Microecological Modulator Operating Data of NPIC (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

Table CIF medical Profile List

Table Microecological Modulator Operating Data of CIF medical (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

## List Of Figures

### LIST OF FIGURES

Figure Blood Irradiation Picture

Figure Industry Chain Structure of Blood Irradiation

Figure Manufacturing Process of Blood Irradiation

Figure SWOT of Blood Irradiation

Figure X-ray Blood Irradiation Market Size and Growth, 2016-2020 (USD Million)

Figure X-ray Blood Irradiation Market Size and Growth, 2016-2020 (in Volume)

Figure Gamma-ray Blood Irradiation Market Size and Growth, 2016-2020 (USD Million)

Figure Gamma-ray Blood Irradiation Market Size and Growth, 2016-2020 (in Volume)

Figure X-ray Blood Irradiation Market Estimates and Forecasts, 2021-2026 (USD Million)

Figure X-ray Blood Irradiation Market Estimates and Forecasts, 2021-2026 (in Volume)

Figure Gamma-ray Blood Irradiation Market Estimates and Forecasts, 2021-2026 (USD Million)

Figure Gamma-ray Blood Irradiation Market Estimates and Forecasts, 2021-2026 (in Volume)

Figure Blood Bank Market Size and Growth, 2016-2020 (USD Million)

Figure Market Size and Growth, 2016-2020 (in Volume)

Figure Hospital Market Size and Growth, 2016-2020 (USD Million)

Figure Market Size and Growth, 2016-2020 (in Volume)

Figure Research Institutions Market Size and Growth, 2016-2020 (USD Million)

Figure Market Size and Growth, 2016-2020 (in Volume)

Figure Blood Bank Market Estimates and Forecasts, 2021-2026 (USD Million)

Figure Blood Bank Market Estimates and Forecasts, 2021-2026 (in Volume)

Figure Hospital Market Estimates and Forecasts, 2021-2026 (USD Million)

Figure Hospital Market Estimates and Forecasts, 2021-2026 (in Volume)

Figure Research Institutions Market Estimates and Forecasts, 2021-2026 (USD Million)

Figure Research Institutions Market Estimates and Forecasts, 2021-2026 (in Volume)

Figure Asia-Pacific Market Size and Growth, 2016-2020 (USD Million)

Figure Asia-Pacific Market Size and Growth, 2016-2020 (in Volume)

Figure Asia-Pacific Market Size by Type

Figure Asia-Pacific Market Share by Type

Figure Asia-Pacific Market Size by Application

Figure Asia-Pacific Market Share by Application

Figure North America Market Size and Growth, 2016-2020 (USD Million)

Figure North America Market Size and Growth, 2016-2020 (in Volume)

Figure North America Market Size by Type  
Figure North America Market Share by Type  
Figure North America Market Size by Application  
Figure North America Market Share by Application  
Figure Europe Market Size and Growth, 2016-2020 (USD Million)  
Figure Europe Market Size and Growth, 2016-2020 (in Volume)  
Figure Europe Market Size by Type  
Figure Europe Market Share by Type  
Figure Europe Market Size by Application  
Figure Europe Market Share by Application  
Figure South America Market Size and Growth, 2016-2020 (USD Million)  
Figure South America Market Size and Growth, 2016-2020 (in Volume)  
Figure South America Market Size by Type  
Figure South America Market Share by Type  
Figure South America Market Size by Application  
Figure South America Market Share by Application  
Figure Middle East & Africa Market Size and Growth, 2016-2020 (USD Million)  
Figure Middle East & Africa Market Size and Growth, 2016-2020 (in Volume)  
Figure Middle East & Africa Market Size by Type  
Figure Middle East & Africa Market Share by Type  
Figure Middle East & Africa Market Size by Application  
Figure Middle East & Africa Market Share by Application  
Figure Asia-Pacific Market Estimates and Forecasts, 2021-2026 (USD Million)  
Figure Asia-Pacific Market Estimates and Forecasts, 2021-2026 (in Volume)  
Figure North America Market Estimates and Forecasts, 2021-2026 (USD Million)  
Figure North America Market Estimates and Forecasts, 2021-2026 (in Volume)  
Figure Europe Market Estimates and Forecasts, 2021-2026 (USD Million)  
Figure Europe Market Estimates and Forecasts, 2021-2026 (in Volume)  
Figure South America Market Estimates and Forecasts, 2021-2026 (USD Million)  
Figure South America Market Estimates and Forecasts, 2021-2026 (in Volume)  
Figure Middle East & Africa Market Estimates and Forecasts, 2021-2026 (USD Million)  
Figure Middle East & Africa Market Estimates and Forecasts, 2021-2026 (in Volume)  
Figure Blood Irradiation Market Concentration by Region  
Figure Marketing Channels Overview

## I would like to order

Product name: Global Blood Irradiation Market Research Report 2016-2026

Product link: <https://marketpublishers.com/r/G08729F9526EN.html>

Price: US\$ 1,800.00 (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/G08729F9526EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:  
Last name:  
Email:  
Company:  
Address:  
City:  
Zip code:  
Country:  
Tel:  
Fax:  
Your message:

**\*\*All fields are required**

Customer signature \_\_\_\_\_

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970