

Global Liquid Biopsy Market: Analysis By Product & Services (Kits & Reagents, Platforms & Instruments and Services), By Circulating Biomarker (Circulating Tumor Cell, CT-DNA, Extracellular Vesicles, and Others), By End-User (Hospitals & Laboratories, and Government & Academic Research Centers), By Application (Cancer, and Non-Cancer), By Region Size and Trends with Impact of COVID-19 and Forecast up to 2027

November 2022



# Global Liquid Biopsy Market: Coverage

Executive Summary and Scope

Introduction/Market Overview

Global Market Analysis

Regional Market Analysis

Impact of COVID

Dynamics

Competitive Landscape

Company Profiling

# Global Liquid Biopsy Market: Coverage

## Scope of the Report

Attributes	Details
Title	Global Liquid Biopsy Market: Analysis By Product & Services (Kits & Reagents, Platforms & Instruments and Services), By Circulating Biomarker (Circulating Tumor Cell, CT-DNA, Extracellular Vesicles, and Others), By End-User (Hospitals & Laboratories, and Government & Academic Research Centers), By Application (Cancer, and Non-Cancer), By Region Size and Trends with Impact of COVID-19 and Forecast up to 2027
Coverage	Global and Regional
Regional Coverage	North America (the US, Canada, and Mexico), Europe (Germany, France, UK, and Rest of Europe), Asia Pacific (Japan, China, India, South Korea, and Rest of the Asia Pacific), and Rest of the world
Market Influencing Variables	Growth Drivers, Challenges, Market Trends
Forecast Period of Market	2022-2027
Competition in the Market	Highly Fragmented
Key Players	Guardant Health, Angle PLC, Qiagen N.V., Thermo Fisher Scientific Inc., Bio-rad Laboratories, Inc., Roche Holdings AG, Johnson & Johnson Ltd., Illumina Inc., MDxHealth SA, Myriad Genetics, Inc., Biocept Inc., Mesa Laboratories Inc., and Bio-Techne Corporation

# Global Liquid Biopsy Market: Coverage

## Executive Summary

A liquid biopsy involves testing a sample of blood to see whether there are any cancer cells from a tumor that are circulating there or if there are any DNA fragments from tumor cells that are there. A liquid biopsy may be used to aid in the early detection of cancer. The liquid biopsy has recently been driven by the rising incidence of cancer and the rising preference for fast, minimally invasive diagnostic testing. The global liquid biopsy market in 2021 stood at US\$1.28 billion, and is likely to reach US\$3.93 billion by 2027. The market is expected to grow at a CAGR of 20.45%, during the forecasted period of 2022-2027.

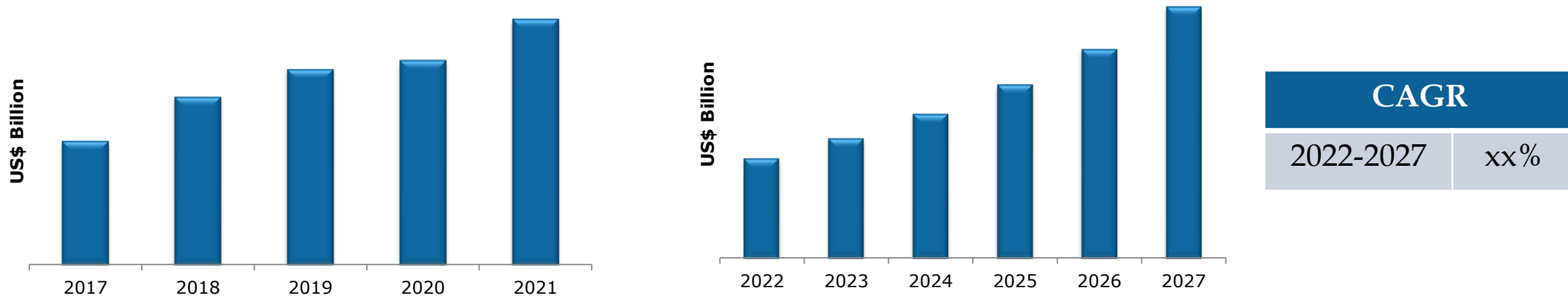
The liquid biopsy market can be segmented on the basis of product & services (kits & reagents, platforms & instruments and services), circulating biomarker (circulating tumor cell, CT-DNA, extracellular vesicles, and others), end-user (hospitals & laboratories, and government & academic research centers), and application (cancer, and non-cancer). On the basis of application, the cancer segment dominated the global liquid biopsy market in 2021, attributable to the growing use of liquid biopsy techniques for the diagnosis of different cancer types. The market for cancer liquid biopsy has been further segmented based on the cancer type into the following segments: lung cancer, colorectal cancer, prostate cancer, liver cancer, breast cancer, and others.

Governments around the world have implemented a variety of regulations and lockdowns as a result of the rise in COVID-19 cases, which has had an impact on the market growth early in the projected year. Early detection programs have been put on hold as a result. An increase in cancer mortality and morbidity is estimated in 2020 as a result of a decline in cancer screenings, visits, therapies, and operations, with differences by cancer type and service location internationally. The pandemic has also affected the logistics and supply of raw materials and components for cancer diagnostic tests as well as other crucial supplies needed to produce liquid biopsy. However, the market is likely to regain its demand owing to the assistance it provides in determining the line of treatment for cancer patients.

The global liquid biopsy market has increased in 2021 and projections are made that the market would rise in the next five years i.e. 2022-2027 tremendously. Since liquid biopsies offer the potential to solve significant problems with diagnosis, prognosis, and treatments, the rise in the number of cancer cases has been a major market driver. Further, the market is expected to grow owing to rising healthcare expenditure, rapid urbanization, growth in demand for precision medicines, myriad of applications, etc. in recent years, yet the market faces some challenges such as need for more clinical trials, standardized pre-analytical protocol and assay development and regulatory concerns, etc.

# Liquid Biopsy Market: Global Analysis

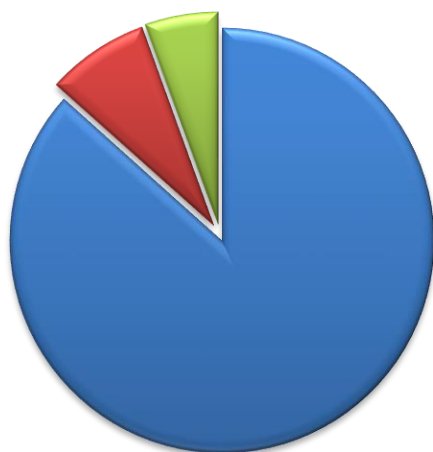
## Global Liquid Biopsy Market by Value



The global liquid biopsy market valued at US\$... billion in 2021, increased as compared to US\$... billion in 2020. Over the period 2017-2021, the market grew at a CAGR of .....%. Global liquid biopsy market is anticipated to reach up to US\$... billion by 2027, at a CAGR of .....%, from US\$... billion in 2022.

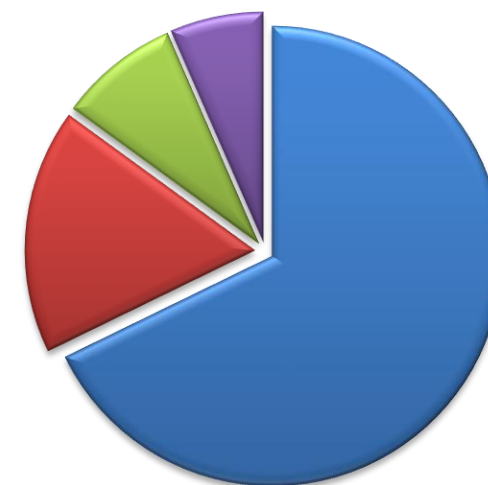
# Liquid Biopsy Market: Global Analysis

Global Liquid Biopsy Market by Product & Service; 2021



Product & Service	Share
Kits & Reagents	xx%
Platforms & Instruments	xx%
Services	xx%

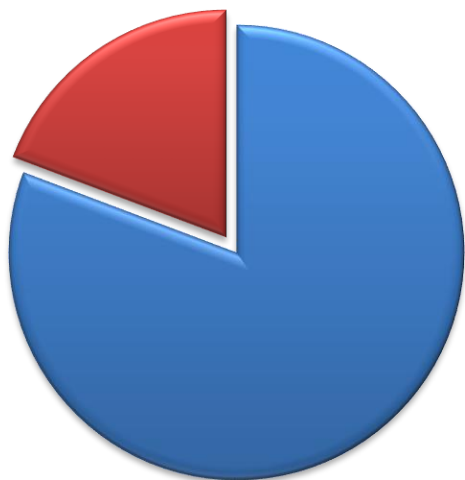
Global Liquid Biopsy Market by Circulating Biomarker; 2021



Circulating Biomarker	Share
Circulating Tumor Cell	xx%
CT-DNA	xx%
Extracellular Vesicles	xx%
Others	xx%

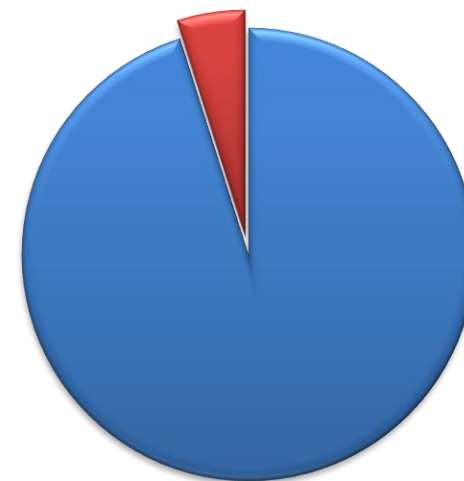
# Liquid Biopsy Market: Global Analysis

## Global Liquid Biopsy Market by End-User; 2021



End-Users	Share
Hospitals & Laboratories	xx%
Government & Academic Research Centers	xx%

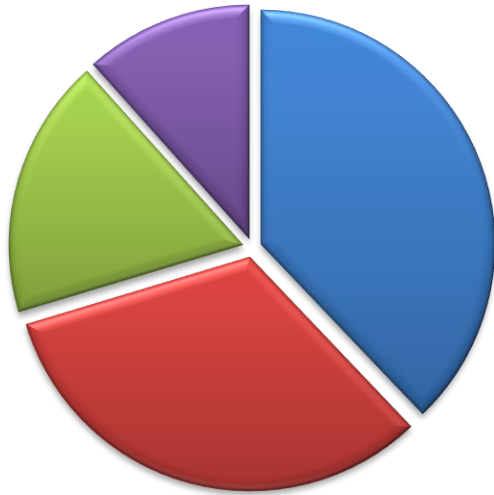
## Global Liquid Biopsy Market by Application; 2021



Application	Share
Cancer	xx%
Non Cancer	xx%

# Liquid Biopsy Market: Global Analysis

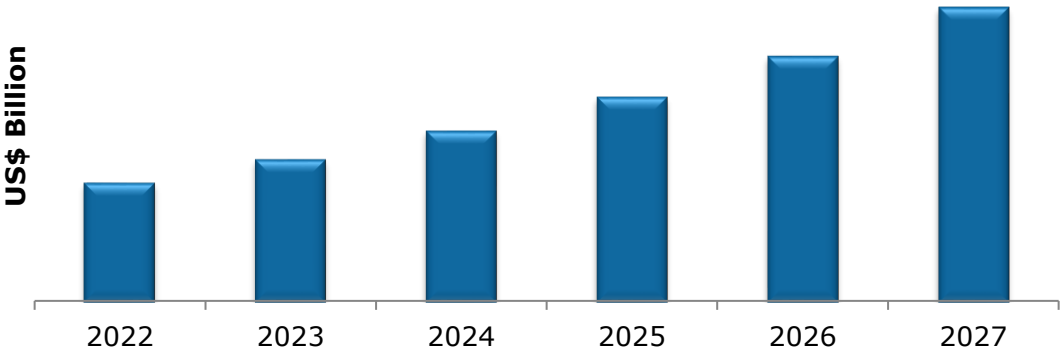
**Global Liquid Biopsy Market by Region; 2021**



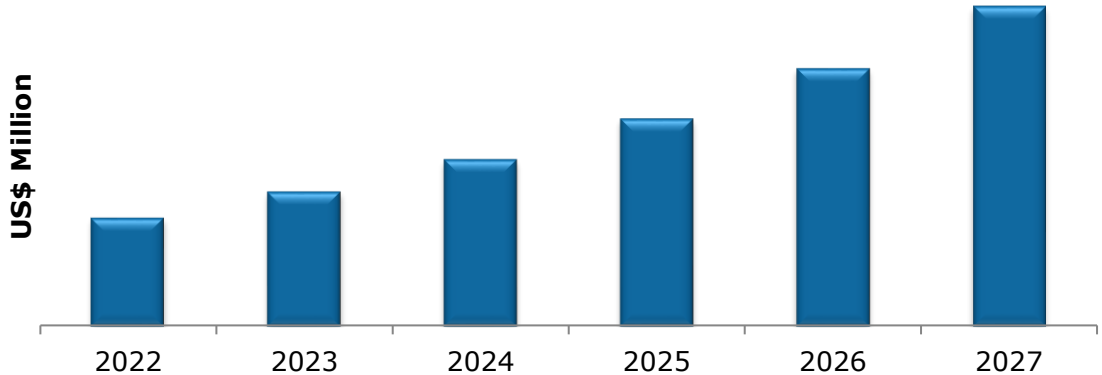
Region	Share
North America	xx%
Europe	xx%
Asia Pacific	xx%
Rest of the World	xx%

# Global Liquid Biopsy Market: Product & Service Analysis

### Global Kits & Reagents Liquid Biopsy Market by Value



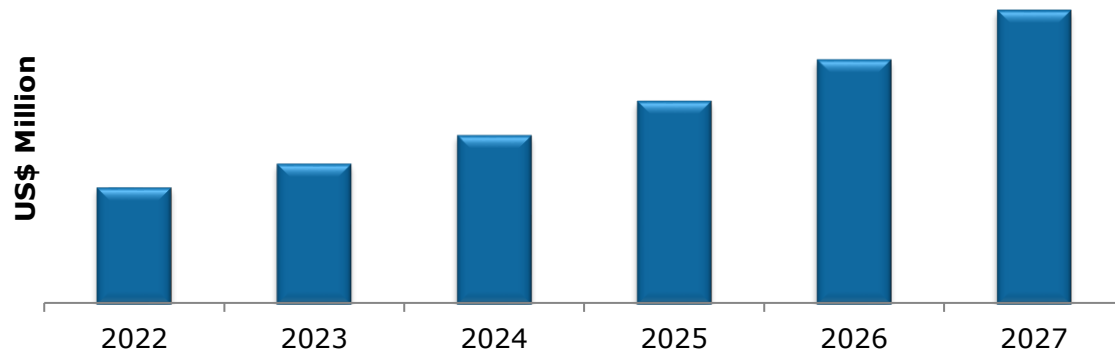
### Global Platforms & Instruments Liquid Biopsy Market by Value



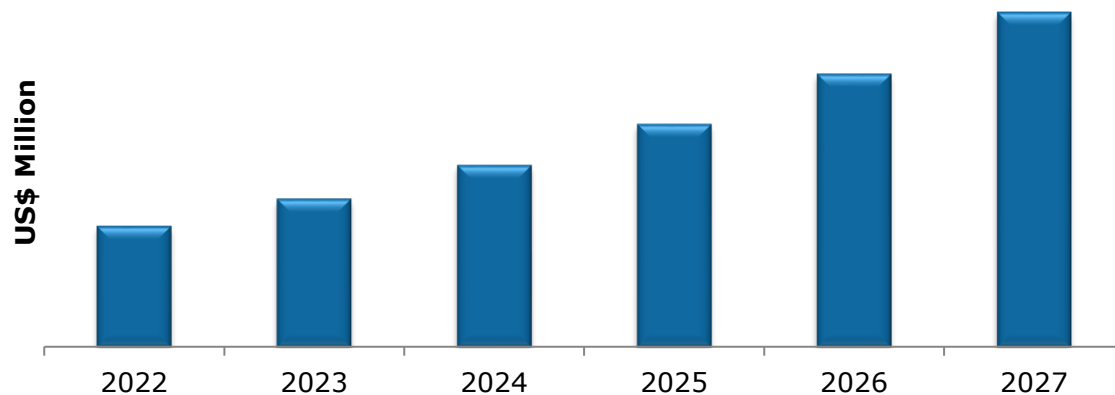
Product & Service	CAGR
	(2022-2027)
Kits & Reagents	xx%
Platforms & Instruments	xx%
Services	xx%

# Global Liquid Biopsy Market: Circulating Biomarker Analysis

## Global Circulating Tumor Cell Liquid Biopsy Market by Value



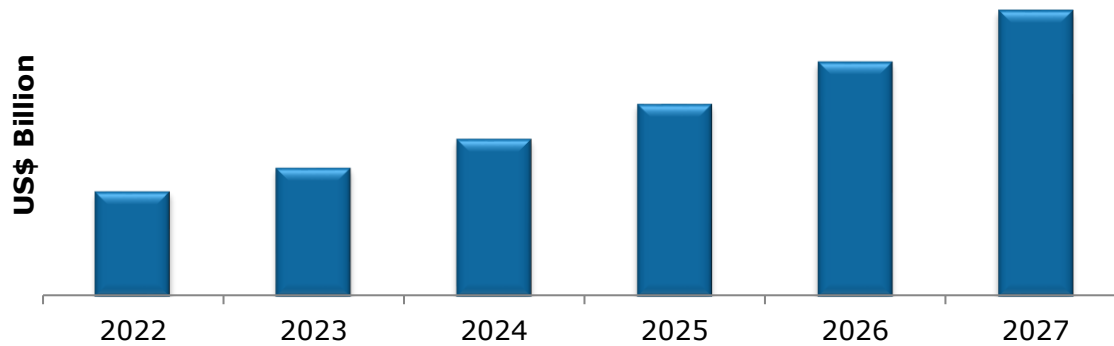
## Global CT-DNA Liquid Biopsy Market by Value



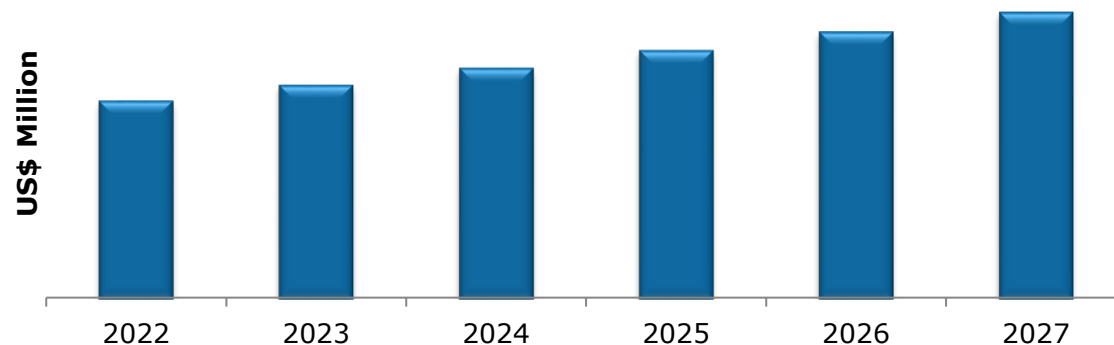
Circulating Biomarker	CAGR
	(2022-2027)
Circulating Tumor Cell	xx%
CT-DNA	xx%
Extracellular Vesicles	xx%
Others	xx%

# Global Liquid Biopsy Market: End-User Analysis

## Global Hospitals & Laboratories Liquid Biopsy Market by Value



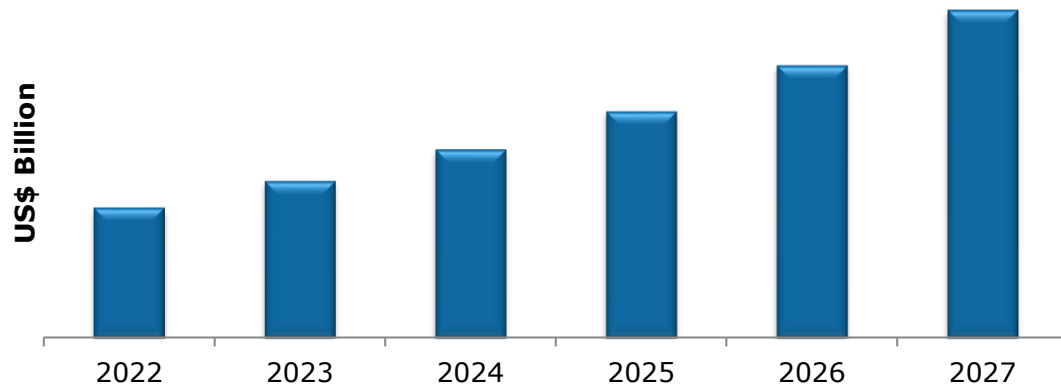
## Global Government & Academic Research Centers Liquid Biopsy Market by Value



End-User	CAGR
	(2022-2027)
Hospitals & Laboratories	xx%
Government & Academic Research Centers	xx%

# Global Liquid Biopsy Market: Application Analysis

Global Cancer Liquid Biopsy Market by Value



Application	CAGR
	(2022-2027)
Cancer	xx%
Non Cancer	xx%

Global Cancer Liquid Biopsy Market by Cancer Type; 2021

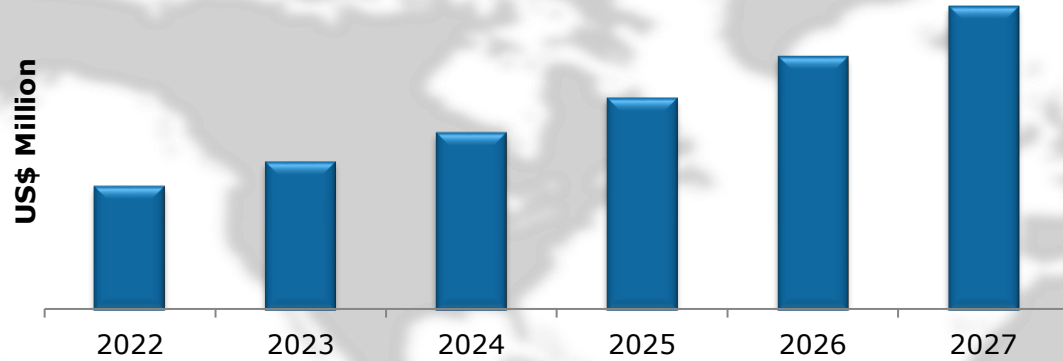


Cancer Type	Share	CAGR
	2021	(2022-2027)
Lung Cancer	xx%	xx%
Colorectal Cancer	xx%	xx%
Prostate Cancer	xx%	xx%
Liver Cancer	xx%	xx%
Breast Cancer	xx%	xx%
Others	xx%	xx%

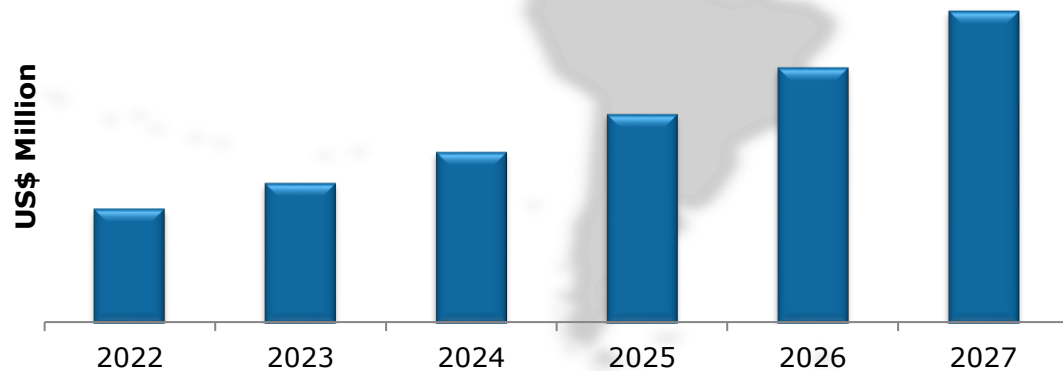


# Liquid Biopsy Market: Regional Analysis

## North America Liquid Biopsy Market by Value



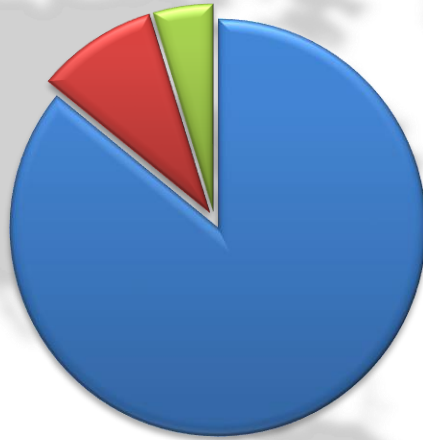
## Europe Liquid Biopsy Market by Value



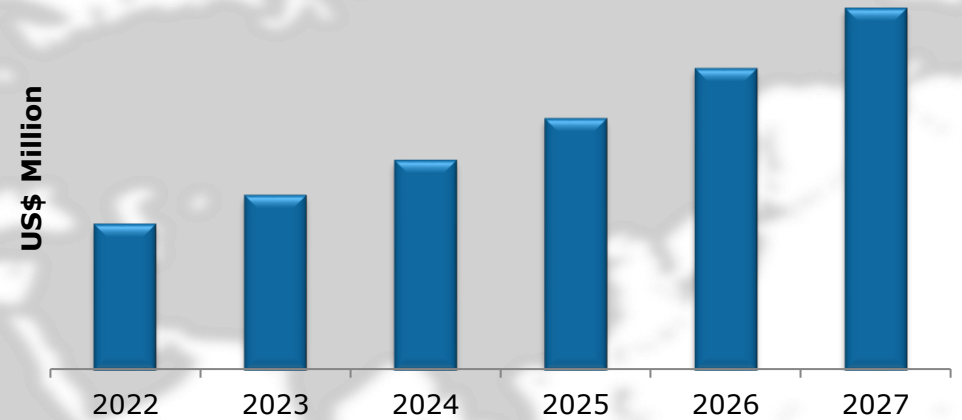
Region	CAGR
	(2022-2027)
North America	xx%
Europe	xx%
Asia Pacific	xx%
Rest of the World	xx%

# North America Liquid Biopsy Market: Analysis

## North America Liquid Biopsy Market by Region; 2021



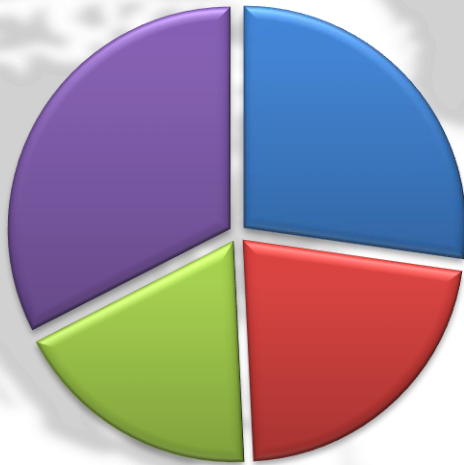
## The US Liquid Biopsy Market by Value



Region	Share	CAGR
		(2022-2027)
The US	xx%	xx%
Canada	xx%	xx%
Mexico	xx%	xx%

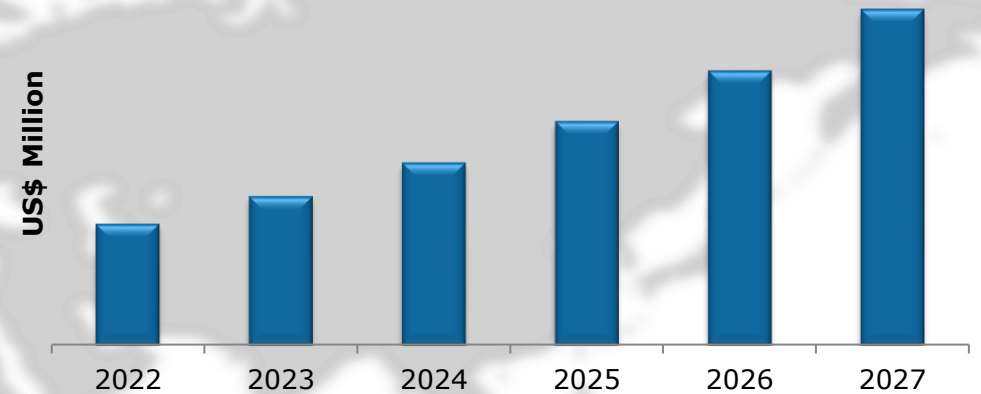
# Europe Liquid Biopsy Market: Analysis

## Europe Liquid Biopsy Market by Region; 2021



Region	Share	CAGR (2022-2027)
Germany	xx%	xx%
France	xx%	xx%
UK	xx%	xx%
Rest of Europe	xx%	xx%

## Germany Liquid Biopsy Market by Value

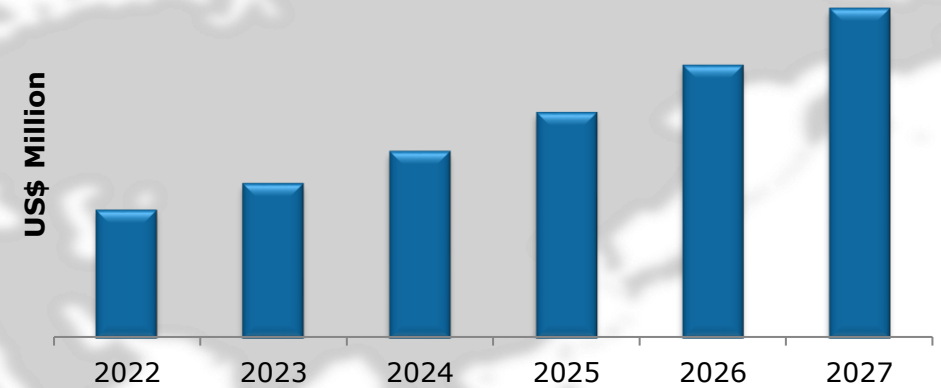


# Asia Pacific Liquid Biopsy Market: Analysis

Asia Pacific Liquid Biopsy Market by Region; 2021

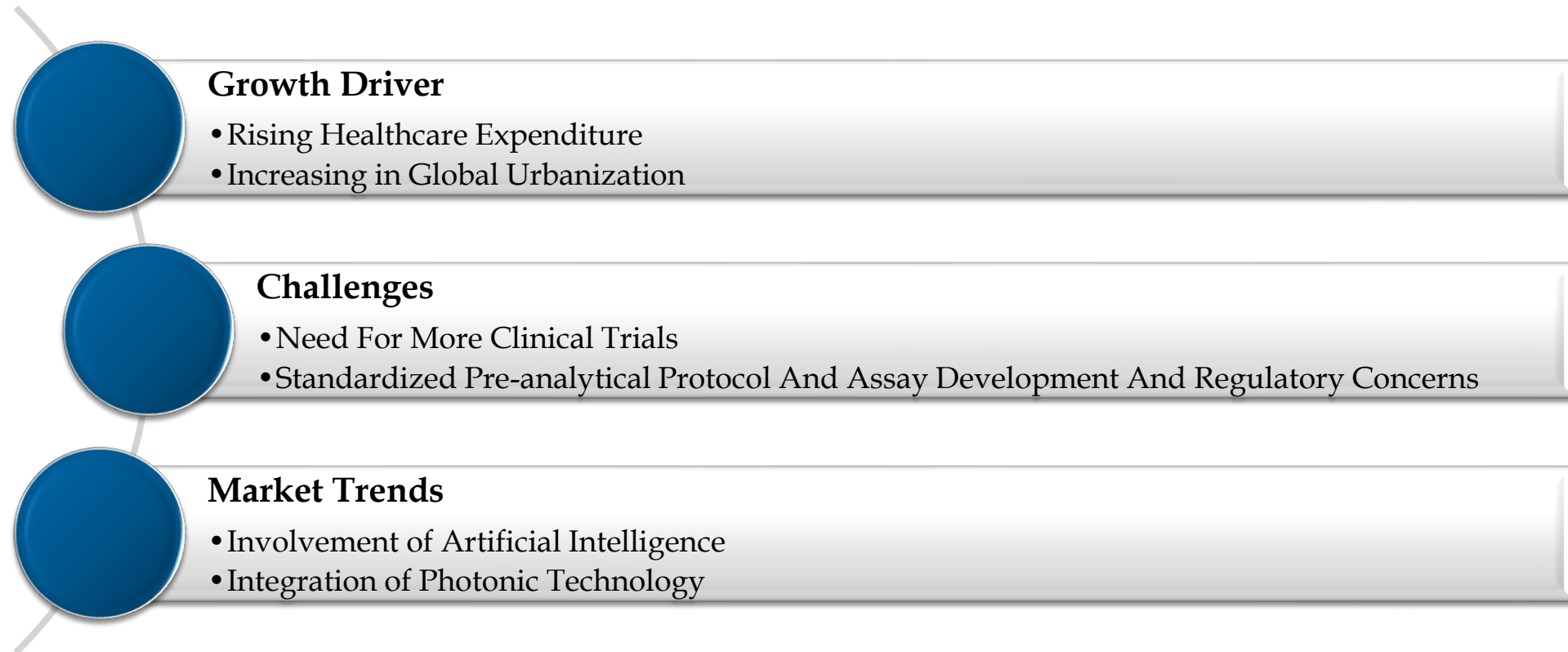


Japan Liquid Biopsy Market by Value



Region	Share	CAGR
		(2022-2027)
Japan	xx%	xx%
China	xx%	xx%
India	xx%	xx%
South Korea	xx%	xx%
Rest of Asia Pacific	xx%	xx%

# Global Liquid Biopsy Market: Dynamics



# Global Liquid Biopsy Market: Competitive Landscape

## Players Profiled

- Guardant Health,
- Angle PLC,
- Qiagen N.V.,
- Thermo Fisher Scientific Inc.,
- Bio-rad Laboratories, Inc.,
- Roche Holdings AG,
- Johnson & Johnson Ltd.,
- Illumina Inc.,
- MDxHealth SA,
- Myriad Genetics, Inc.,
- Biocept Inc.,
- Mesa Laboratories Inc.,
- Bio-Techne Corporation