

Liquid Biopsy Market by Product & Service (Reagents, Instruments, and Service), Cancer Type (Lung, Breast, Colorectal, Prostate, Liver, and Others), Circulating Biomarker (Circulating Tumor Cells, Extracellular Vesicles, Circulating Tumor DNA [CtDNA], and Other Biomarkers) - Global Opportunity Analysis and Industry Forecast, 2017-2023

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Abstracts

Liquid biopsies are non-invasive blood tests that detect tumor DNA & RNA fragments and circulating tumor cells (CTCs), which are released into the blood from the primary tumors and metastatic sites. It is a minimally invasive technology for the detection of molecular biomarkers, excluding expensive or invasive procedures. The global liquid biopsy market accounted for \$634 million in 2016, and is estimated to reach at \$3,805 million by 2023, registering a CAGR of 28.9% from 2017 to 2023.

Liquid biopsy is a simple and precise alternative to surgical biopsies, which allows physicians & surgeons to detect & treat cancer at an early stage and acquire tumor information through blood samples. These biopsies are particularly significant as they help the physician to understand the molecular changes and dynamics of cancer. Moreover, cancer recurrence is expected to be understood through well-timed liquid biopsies.

Surge in prevalence of cancer, advantages of liquid biopsy over solid tumor biopsy, rise in awareness about minimally invasive procedures, and favorable government initiatives supplement the market growth. However, alternatives to liquid biopsies and unclear reimbursement & regulation scenario impede the growth. Furthermore, increase in pre-screening programs for cancer detection provide lucrative opportunity for the market players.

The liquid biopsy market is segmented based on product & service, cancer type,

circulating biomarker, end user, and geography. Based on product & service, it is divided into reagents, instruments, and services. On the basis cancer type, it is classified into lung cancer, breast cancer, colorectal cancer, prostate cancer, liver cancer, and other cancer. According to circulating biomarkers, it is categorized into circulating tumor cell, extracellular vesicle, circulating tumor DNA [ctDNA], and other biomarkers. On the basis of end user, it is classified into hospital & laboratory and government & research centers. Geographically, it is analyzed based on four regions, namely, North America, Europe, Asia-Pacific, and LAMEA.

KEY PLAYERS PROFILED

Biocept, Inc.

Qiagen

F. Hoffmann-La Roche AG

Bio-Rad Laboratories Inc.

Myriad Genetics

Janssen Diagnostics, LLC.

Trovagene Inc.

Guardant Health Inc.

GRAIL

MDX Health SA

KEY MARKET BENEFITS FOR STAKEHOLDERS

The study provides an in-depth analysis of the global liquid biopsy market and the current trends and future estimations to elucidate the imminent investment pockets.

The report presents quantitative analysis of the market from 2016 to 2023 to enable stakeholders to capitalize on the prevailing market opportunities.

Extensive analysis of the market based on cancer types assists to understand the trends in the industry.

Key market players and their strategies are thoroughly analyzed to understand the competitive outlook of the market.

Liquid Biopsy Market Key Segments: By Product & Service

Reagents

Instruments

Services

By Cancer Type

Lung Cancer

Breast Cancer

Colorectal Cancer

Prostate Cancer

Liver Cancer

Other Cancers

By Circulating Biomarker

Circulating Tumor Cells

Extracellular Vesicles

Circulating Tumor DNA [CtDNA]

Other Biomarkers

By End User

Hospitals & Laboratories

Government & Academic Research Centers

By Geography

North America

U.S.

Canada

Mexico

Europe

Germany

France

UK

Italy

Spain

Rest of Europe

Asia-Pacific

Japan

China

Australia

India

South Korea

Taiwan

Rest of Asia-Pacific

LAMEA

Brazil

Turkey

Saudi Arabia

South Africa

Rest of LAMEA

The other players in the value chain include (profiles not included in the report)

Fraunhofer-Gesellschaft

Horizon Discovery

Illumina, Inc.

Cynvenio

Diagnologix

Exosome Sciences

CyoTrack

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