

U.S. Immunoassay Market Set to Boom Anticipating Explosive 2.3% CAGR Growth, Surpass US\$ 12.53 Billion by 2032

Escalating old age and the surfacing of detrimental lifestyle illnesses are the key market trends.

NEW YORK CITY, NY, UNITED STATES, September 5, 2024 /EINPresswire.com/ -- The U.S. immunoassay market is projected to reach a revenue of \$12.53 billion by 2032, growing at a CAGR of 2.3% from 2024 to 2032. This growth is driven by the increasing prevalence of chronic diseases and the aging population, which is leading to a higher demand for diagnostic tests. The market is also being boosted by the development of new, more accurate and faster immunoassay technologies. Key players in the market include Abbott, Siemens Healthineers, and Roche.

What are the key drivers of the U.S. immunoassay market?

Immunoassays are speedy and precise tests that can be utilized on-premise and, in the laboratory, to determine particular molecules. Immunoassays depend on the innate capacity of antibodies to secure the particular framework of a molecule. Antibodies are proteins created by animals as an answer to the seizure of external molecules in the body. Antibodies are detected in blood and tissue liquids and will attach to the antigen whenever it is confronted. As antibodies are advanced to a particular three-dimensional framework of an antigen or analyte, they are excessively particular and will secure only for that structure.

Continuing commodity inventions by prominent firms are anticipated to restore the advancement of progressive and highly presenting immunoassays in the United States. For instance, in July 2023, Siemens Healthineers, a healthcare firm initiated by Atellica CI Analyser for immunoassay examining and clinical chemistry subsequent to approval obtained from the USFDA, the U.S. immunoassay market demand is anticipated to rise.

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U.S. Immunoassay Market

\$12.53 bn
Revenue Forecast in 2032

U.S. Immunoassay Market



Progression in immunoassay techniques is pushing the market for U.S. immunoassays."

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[sample](#)

Global U.S. immunoassay market size was valued at USD 10.27 billion in 2023 and is projected to grow to USD 12.53 billion by 2032.

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- The escalating deliberate scheming by critical market

contenders to augment their product portfolio and ignite the assembling ventures are the primary factors driving the market forward.

- The market segmentation is primarily based on product, technology, specimen, application, and end user.

- California accounted for the largest revenue share of the market.

The market is relatively splintered. Critical players are escalating their funding in R&D ventures together with deliberate augmentation capabilities such as alliances and acquisitions to spread their making potential and brand overreach. Prominent players functioning in the market are:

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- Abbott
- Agilent Technologies
- Becton, Dickinson, and Company
- Beckman Coulter
- Bio-Rad Laboratories, Inc.
- DiaSorin S.p.A.
- Ortho Clinical Diagnostics
- Quidel Corporation

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Growing Prevalence of Neurological Illnesses: The growing existence of neurological illnesses, especially Alzheimer's, in the U.S. is motivating researchers to advance elevated presentation biomarkers to rescue countless people through premature detection and cure alternatives. This, in turn, drives the U.S. immunoassay market demand.

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Growing Laboring Population: The escalating laboring population ensued by growing disbursement on health is anticipated to generate a commending ambiance for the market. As

per the American Medical Association, U.S. healthcare disbursement increased by 4.1% in 2022 to USD 13493 per capita.

Growing Demand for Precise Immunoassays: The growing demand for precise, compatible, and dependable immunoassays propelled by escalating measures incorporated by healthcare donors to use time and capital productively is anticipated to restore market growth eventually.

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California accounted for the largest market share. The region's robust growth can be attributed to escalating consciousness of premature diagnosis of illnesses amongst its subjects, elevated medical insurance reach, and state-financed medical insurance for underprivileged populations.

Massachusetts region is anticipated to witness significant growth over the forecast period. This is primarily due to the surging existence of detrimental illness issues. For instance, as per the Massachusetts government, approximately 56% of the demise in the region is attributed to detrimental illnesses involving stroke, cancer, diabetes, and cardiovascular illnesses.

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By Product Outlook:

- Reagents & Kits
 - o ELISA Reagents & Kits
 - o Rapid Test Reagents & Kits
 - o ELISPOT Reagents & Kits
 - o Western Blot Reagents & Kits
 - o Other Reagents & Kits

- Analyzers/Instruments
 - o Open Ended Systems
 - o Closed Ended Systems
- Software & Services

By Technology Outlook:

- Radioimmunoassay (RIA)
- Enzyme Immunoassays (EIA)
 - o Chemiluminescence Immunoassays (CLIA)
 - o Fluorescence Immunoassays (FIA)

- Rapid Test
- Others

By Specimen Outlook:

- Blood
- Saliva
- Urine
- Other Specimens

By Application Outlook:

- Therapeutic Drug Monitoring
- Oncology
- Cardiology
- Endocrinology
- Infectious Disease Testing
- Autoimmune Diseases
- Others

By End-User Outlook:

- Hospitals
- Blood Banks
- Clinical Laboratories
- Pharmaceutical and Biotech Companies
- Academic Research Centers
- Others

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