

Carcinoembryonic Antigen (CEA) Market Opportunity, Growth Drivers, Industry Trend Analysis, and Forecast 2024 – 2032

<https://marketpublishers.com/r/C3BE4DD316EAEN.html>

Date: September 2024

Pages: 130

Price: US\$ 4,365.00 (Single User License)

ID: C3BE4DD316EAEN

Abstracts

The Global Carcinoembryonic Antigen (CEA) Market was valued at USD 2.2 billion in 2023 and is projected to grow at a 6.3% CAGR from 2024 to 2032. The market expansion is largely driven by the rising incidence of cancers such as colorectal, lung, and breast cancers worldwide. According to the World Health Organization (WHO), the global cancer burden is expected to surge, with around 27 million new cases and 16 million cancer-related deaths anticipated by 2040. Colorectal cancer is the third most common type globally, accounting for 10% of all cancer diagnoses and ranking second in cancer-related mortality. The increasing cancer prevalence has fueled the demand for CEA tests, which are essential for monitoring treatment responses, detecting recurrences, and aiding in early diagnosis. By application, the CEA market is segmented into gastrointestinal, breast, lung, ovarian, prostate, and thyroid cancers. The gastrointestinal cancer segment dominated the market in 2023, holding a 41.4% share and is expected to grow at a 6.7% CAGR over the forecast period. This segment encompasses various cancers, including colorectal, pancreatic, liver, stomach, esophageal, gall bladder, and anal cancers, with CEA tests playing a crucial role in monitoring these conditions. The market is also categorized by gender, with the male segment capturing a substantial share of 54.8% in 2023. This segment is projected to reach a market size of USD 2.1 billion by 2032. The high prevalence of cancers such as colorectal, lung, and prostate cancers in men has led to increased adoption of CEA testing. While CEA is not the primary biomarker for prostate cancer, it is frequently used alongside other diagnostics to track disease progression and treatment outcomes, making it a valuable tool in men's cancer care. In terms of regional analysis, the U.S. led the North American CEA market, generating USD 830.1 million in revenue in 2023, with significant growth expected over the coming years. The U.S. market's dominance can be attributed to its advanced healthcare infrastructure, high prevalence of

gastrointestinal cancers, and ongoing research efforts. Additionally, the country's leadership in diagnostic innovation has enhanced the accuracy and reliability of CEA assays, further driving the market's growth in the region.

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