

U.S. Point of Care Drug of Abuse Testing Market Size, Share & Trends Analysis Report By Product (Immunoassay Test Strips & Cassettes, Oral Fluid Testing Kits, Breath Analyzers), By Sample Type, By Technology, By End-use, And Segment Forecasts, 2025 - 2033

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Abstracts

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U.S. Point Of Care DOA Testing Market Summary

The U.S. point of care drug of abuse (DOA) testing market size was estimated at USD 370.55 million in 2024 and is projected to grow at a CAGR of 9.3% from 2025 to 2033. The market is driven by an increasing need for rapid and on-site drug testing across multiple settings. Point-of-care DOA tests, which include urine, saliva, and occasionally blood-based panels, are widely used in workplaces, emergency departments, law enforcement, rehabilitation centers, and schools. These tests offer immediate results, helping healthcare professionals and institutions make faster decisions related to patient care, compliance, and risk mitigation. Their portability and ease of use are further increasing their adoption among non-laboratory professionals, contributing to market penetration.

One of the primary market drivers is the escalating incidence of drug abuse in the U.S., particularly related to opioids, cannabis, cocaine, and amphetamines. According to the National Center for Drug Abuse Statistics, over 20 million Americans aged 12 and older had a substance use disorder in 2023. This rising trend has heightened the demand for efficient drug screening tools, particularly in emergency and occupational health

settings. Additionally, increased funding from federal agencies such as SAMHSA (Substance Abuse and Mental Health Services Administration) and state-level opioid response programs has bolstered the adoption of rapid testing tools.

Mandates for pre-employment, random, and post-incident drug testing in safety-sensitive industries such as transportation, construction, and healthcare are significantly contributing to market growth. The U.S. Department of Transportation (DOT) and other regulatory bodies have stringent requirements that compel employers to implement DOA screening protocols. POC testing is especially valued in these settings for its ability to quickly identify intoxication or recent drug use, helping mitigate legal liability and ensure workforce safety.

U.S. Point of Care Drug of Abuse Testing Market Report Segmentation

This report forecasts revenue growth at country levels and provides an analysis of the latest industry trends in each of the sub-segments from 2021 to 2033. For this study, Grand View Research has segmented the U.S. point of care drug of abuse (DOA) testing market report based on product, sample type, technology, and end-use:

Product Outlook (Revenue, USD Million, 2021 - 2033)

Immunoassay Test Strips and Cassettes

Oral Fluid Testing Kits

Breath Analyzers

Urine Collection Cups

Digital/Portable Analyzers

Sample Type Outlook (Revenue, USD Million, 2021 - 2033)

Urine

Saliva (Oral Fluid)

Breath

Blood

Sweat/Hair

Technology Outlook (Revenue, USD Million, 2021 - 2033)

Lateral Flow Assay (LFA)

Chromatographic Immunoassays

Enzyme-linked Immunosorbent Assay (ELISA)

Mass Spectrometry (Portable or Hybrid POC Units)

End-use Outlook (Revenue, USD Million, 2021 - 2033)

Hospitals & Emergency Departments

Workplace & Occupational Health Center

Home Care & Remote Users

Others

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