

# **Middle East Imaging Biomarkers Market Size, Share & Trends Analysis Report By Biomarkers (Molecular/Nuclear Biomarkers), By Imaging Technology, By Application, By End Use, By Country, And Segment Forecasts, 2025 - 2033**

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## **Abstracts**

The Middle East imaging biomarkers market size was estimated at USD 413.74 million in 2024 and is projected to reach USD 1,131.80 million by 2033, growing at a CAGR of 12.27% from 2025 to 2033. The expansion of advanced imaging infrastructure (MRI, PET/CT) and the greater adoption of biomarker-driven clinical pathways are shifting care from empiric to data-driven approaches.

This structural shift-driven by national healthcare strategies, increased public and private healthcare spending, and programs aimed at attracting clinical trials-creates a growing addressable market for imaging biomarkers used in oncology, neurology, and cardiology.

The growing prevalence of chronic and lifestyle-related diseases is one of the most significant drivers of the Middle East imaging biomarkers industry. The region has seen a rapid rise in cancer, cardiovascular, and neurological disorders due to aging populations, sedentary lifestyles, and dietary changes. According to WHO data, noncommunicable diseases account for over 70% of total deaths in GCC countries, increasing the need for early detection and precise diagnosis. Imaging biomarkers-used in PET, MRI, and CT modalities-play a vital role in identifying disease progression at the molecular levels. This surge in chronic disease prevalence has, therefore, heightened demand for advanced imaging technologies that rely on biomarker data for early and accurate diagnosis.

Increasing healthcare expenditure and infrastructure development are also accelerating market growth. Countries such as Saudi Arabia, the UAE, and Qatar are investing heavily in advanced diagnostic centers, imaging equipment, and hospital modernization as part of their national health transformation programs. For example, Saudi Arabia's Vision 2030 allocates substantial funds to expand digital and diagnostic healthcare capabilities, while the UAE continues to position itself as a regional hub for precision medicine and advanced diagnostics. This sustained increase in healthcare spending-estimated to grow at over 7% annually across the GCC-enhances accessibility to imaging biomarker technologies and fuels adoption across both public and private sectors.

### Middle East Imaging Biomarkers Market Report Segmentation

This report forecasts revenue growth and provides an analysis of the latest trends in each of the sub-segments from 2021 to 2033. For this report, Grand View Research has segmented the Middle East imaging biomarkers market report based on biomarkers, imaging technology, application, end use, and country:

#### Biomarkers Outlook (Revenue, USD Million, 2021 - 2033)

Anatomical biomarkers

Functional biomarkers

Molecular/Nuclear Biomarkers

Quantitative Imaging Biomarkers

Others

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

MRI

CT

PET

SPECT

Ultrasound

Others

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

Diagnostics

Drug Discovery & Development

Personalized Medicine

Disease Risk Assessment

Others

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

Hospitals

Diagnostic/imaging centers

Pharmaceutical and Biotech Companies

Others

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

Middle East

Saudi Arabia

UAE

Kuwait

Oman

Qatar

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