

# Middle East Biobanks Market Size, Share & Trends Analysis Report By Product & Services, By Biospecimen (Human Tissues, Human Organs), By Biobanks (Real/Physical Biobanks, Virtual Biobanks), By Application, By Country, And Segment Forecasts, 2025 - 2033

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## Abstracts

### Middle East Biobanks Market Summary

The Middle East biobanks market size was estimated at USD 0.884 billion in 2024 and is projected to reach USD 1.52 billion by 2033, growing at a CAGR of 6.34% from 2025 to 2033. This growth is driven by rising investments in precision medicine, increasing prevalence of chronic and genetic diseases, and government-led initiatives to strengthen healthcare infrastructure. Moreover, the region's growing focus on genomic research, personalized therapies, and collaborations with international biobanking networks further accelerates market expansion.

### Growth of Personalized Medicine and Genomics

The increasing adoption of personalized medicine and genomic research is a major factor driving the biobanks market in the Middle East. Precision medicine requires access to high-quality, patient-specific biological samples and corresponding clinical data to develop therapies tailored to individual genetic profiles. Biobanks are critical repositories that store these samples, enabling researchers and healthcare providers to study disease mechanisms, identify biomarkers, and design effective, targeted treatment strategies. The demand in the Middle East is particularly strong due to unique genetic variations and the high prevalence of inherited disorders, making region-specific

biobank resources essential for therapeutic development and clinical research.

## Middle East Biobanks Market Report Segmentation

This report forecasts revenue growth and provides an analysis on the latest trends in each of the sub-segments from 2021 to 2033. For this report, Grand View Research has segmented the Middle East biobanks market report based on product & services, biospecimen, biobanks, application, and country.

### Product & Services Outlook (Revenue, USD Million, 2021 - 2033)

#### Product

Biobanking Equipment

Temperature Control Systems

Freezers & Refrigerators

Cryogenic Storage Systems

Thawing Equipment

Incubators & Centrifuges

Alarms & Monitoring Systems

Accessories & Other Equipment

Biobanking Consumables

Laboratory Information Management Systems

#### Services

Biobanking & Repository

Lab processing

Qualification/ Validation

Cold Chain Logistics

Other Services

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

Human Tissues

Human Organs

Stem Cells

Adult Stem Cells

Embryonic Stem Cells

IPS Cells

Other Stem Cells

Other Biospecimens

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

Physical/Real Biobanks

Tissue Biobanks

Population Based Biobanks

Genetic (DNA/RNA)

Disease Based Biobanks

Virtual Biobanks

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

Therapeutics

Drug Discovery & Clinical Research

Clinical Diagnostics

Other Applications

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

Middle East

Saudi Arabia

UAE

Kuwait

Qatar

Oman

Rest of Middle East

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