

Uncovering Drug-Resistant TB with GTnRICH AMR-MTB Solution

Genotypic Technology, India's pioneering genomics company with 20+ years of domain expertise, introduces the advanced GTnRICH AMR-MTB panel for comprehensive detection and surveillance of drug-resistant Mycobacterium tuberculosis (MTB). Conventional diagnostics often fail to capture emerging resistance mutations or region-specific variants. Leveraging deep sequencing with tailored primer panels, GTnRICH enables rapid, high-resolution AMR profiling - empowering public health response, research, and clinical decision-making through precision-driven insights.

Key Features

► Extensive Gene Coverage

Most comprehensive AMR gene list
Covers promoters, whole-gene sequences, and hotspots

► Tailored Panels

GTR_AMR_MTB (W) - WHO-compliant
GTR_AMR_MTB (W+I) - Enhanced for Indian mutation landscape

► Lowest Cost per Test

Economical solution for large-scale implementation

► Rapid Workflow

AMR profile and strain typing within 24 hours,
Powered by COMMANDER NGS an intuitive software for visualization, analytics & reporting

► High-Throughput Analytics

Detects WHO documented grade 1 & grade 2 mutations with high confidence. Detects interim-level resistance & undocumented mutations. Rapid library preparation compatible with any sequencing platform

Ideal for



National and regional public health programs



Clinical diagnostic laboratories

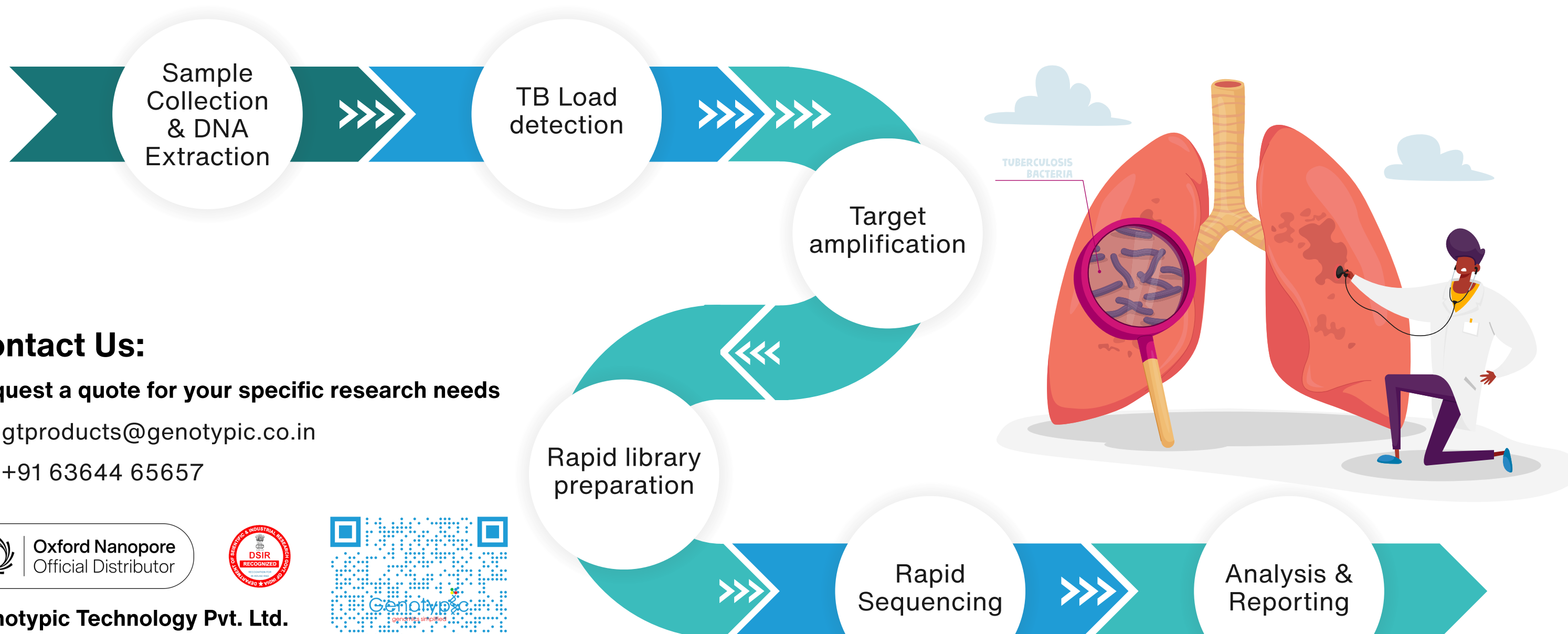


Research institutions exploring TB resistance



Private hospitals requiring rapid TAT

Comprehensive. Rapid. Scalable. Workflow



Contact Us:

Request a quote for your specific research needs

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