



## The Rotor-Gene Q (Qiagen)

The Rotor-Gene Q MDx instrument is an automated molecular detection platform based on real-time PCR technology. The system is intended for in vitro diagnostic use with FDA cleared or approved nucleic acid tests in clinical laboratories. The platform uses a unique centrifugal rotary design to amplify and quantify DNA molecules, enabling a near-perfect well-to-well thermal and optical uniformity and a fast data acquisition rate. These qualities make the Rotor-Gene Q MDxa preferred choice for IVD molecular diagnostic applications:

- Gene expression analysis
- Pathogen detection
- DNA methylation analysis
- Genotyping and gene scanning
- miRNA research