RealTime Performance.

*m2000rt*

**Instrument**
- RT-PCR Amplification and Detection
  - Fast and convenient
  - State-of-the-art technology using CCD Camera
  - 5 channels (detection of FAM, ROX, SYBR Green, JOE, TAMRA, Cy5, NED, VIC)

**Service and Support**
- LIS-Capability
  - Standardized LIS-Capability
- AbbottLink
  - Remote Instrument Monitoring
- Service and Support
  - Online documentation of manuals
  - Customer service and on-site training
  - Customer telephone support line

**Software**
- Simplified Result Interpretation
  - Multiple validity checks for instrument performance and assay results (based upon Ct [FCN] values, maxRatio)
  - Displays two units for each result
  - Quantitative and Qualitative Analysis with clear screen displays

- Patient Result Integrity
  - Baseline setting
  - Cycle threshold determination
  - Unique data analysis monitoring kinetic growth

- Data Archiving
  - Calibrators, controls, and patient data are archived and can be tracked during analysis process
  - Database Backup and Restore

- maxCycle
  - Option to detect HIV and HCV viral load at the same time

- LDA
  - Laboratory Defined Applications as an option to define a broad range of assay (further analysis of Open Mode protocols based extractions)

*m2000rt is part of the Abbott Molecular mSystems Family*
System Overview

Flexible Sample Preparation Options combined with one platform for reliable PCR-analysis

- **m2000sp**: Fully automated sample preparation system, including mastermix creation, and 96-well PCR tray generation.
- **m24sp**: Automated sample preparation system, completely automates sample purification steps.
- **manual Extraction**: Manual sample preparation system.

Abbott RealTime Features
- HBV Viral Load
- CT/NG Detection
- HBV Sequencing
- HCV Viral Load
- CT Detection
- HCV Genotyping
- HIV-1 Viral Load
- HPV High-Risk Detection
- HIV Integrase-Genotyping

Extraction Protocols

**Abbott RealTime**
- **m2000sp**: Fully automated sample preparation system, including mastermix creation, and 96-well PCR tray generation.
- **m24sp**: Automated sample preparation system, completely automates sample purification steps.
- **manual Extraction**: Manual sample preparation system.

**Features**
- maxCycle HIV/HCV Viral Load
- LDA
- AbbottLink

Characteristics and Ordering Information

<table>
<thead>
<tr>
<th>Name</th>
<th>List Number</th>
<th>Size</th>
<th>Weight</th>
<th>Power Source</th>
</tr>
</thead>
<tbody>
<tr>
<td>Abbott m2000rt Instrument</td>
<td>9K1501</td>
<td>Width: 34 cm (13.4 in.) Height: 49 cm (19.3 in.) Depth: 48 cm (17.8 in.)</td>
<td>34.1 kg (75.2 lbs)</td>
<td>100–240 V</td>
</tr>
</tbody>
</table>

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