Reliable, cost-effective CT/GC testing for your laboratory

BD

Helping all people live healthy lives

The BD ProbeTec™ ET System

Run up to 15,000 *Chlamydia trachomatis* (CT) and *Neisseria gonorrhoeae* (GC) samples a year with minimal hands-on time and accurate results.

Fast and efficient

- Up to 46 patient samples in 3 hours
- Up to 276 CT/GC results in one 8-hour shift
- Total hands-on time: less than 2 minutes per sample

Proven and powerful

- Molecular detection provides high sensitivity and specificity for CT/GC[1,2]
- BD ProbeTec ET CT/GC Amplified DNA Assays are intended for use with male urethral and urine samples and with female endocervical and urine samples[3]

Compact and easy to use

- As little as 10 feet of bench space
- No special facilities required
- Easy to learn and use

Tried and true

- 2-year mean time between failure (MTBF)
- Backed by BD Total System Integrity™ and world-class support

BD ProbeTec™ ET Instrument Specifications

Physical Dimensions

Height 21.5 in (54.6 cm)

Width 28.5 in (72.4 cm)

Depth 28.5 in (72.4 cm)

Weight 72 lb (32.7 kg)

Electrical Requirements

Input Voltage 100–240 VAC

Input Current 3 A

Input Line Frequency 50 or 60 Hz ±3 Hz

Power 300 W

Heat 1024 BTU/hr

Thermal Specifications

Lysing Heater Fluid Temperature >100°C at 20 minutes

Priming Heater Fluid Temperature 70°C ±2°C after 9 minutes

Warming Heater Fluid Temperature 52.5°C ±1.5°C after 9 minutes

BD ProbeTec ET Instrument Fluid Temperature 52.5°C ±1°C after 10 minutes

Operating Conditions

Temperature 18°C–33°C (64.4°F–91.4°F)

Humidity 20%–85% RH, non-condensing

Locations Level surface, no direct sunlight, no direct heat

Testing Area Requirements

The BD ProbeTec ET instrument can be placed in any area of the laboratory consistent with the specifications listed. **No separate or special room is required.**

Assay Performance (CT and GC)

The clinical trial data are published in the package insert, which can be found online at http://www.bd.com/ds/technicalCenter/inserts/3300754JAA.pdf. Numerous independent studies have been published substantiating the package insert data. The following is a summary of some of these studies.

Reference	Specimen Type	CT Sensitivity	CT Specificity	GC Sensitivity	GC Specificity
3	Swabs, Urine	90.7%	96.6%	96%	98.8%
4*	Swabs	94%, 100%	100%, 100%	88.9%, 94.5%	100%, 100%
5	Swabs, Urine	97%	100%	99%	100%
1	Urine	96%	100%	–	–
6	Urine	95.3%	99.3%	100%	99.7%

*Study consisted of two sets of specimens

1. Gaydos CA et al. J Clin Microbiol 2004;42:3041-3045.
2. Van Der Pol B et al. J Clin Microbiol 2001;39:1008-1016.
3. BD ProbeTec ET CT/GC Amplified DNA Assay [package insert]. Sparks, MD: BD Diagnostics; 2009.
4. Van Dyck E et al. J Clin Microbiol 2001;39:1751-1756.
5. Fuller D et al. In: Abstracts of the 100th General Meeting of the American Society for Microbiology; 2000. Abstract C-376.
6. Chan EL et al. Arch Pathol Lab Med 2000;124:1649-1652.

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