

**BD**

Indispensable to  
human health

BD ProbeTec™ ET System  
Real Time • Real Efficiency

# The first real-time amplification and detection system for the clinical laboratory

Available since 1999, the BD ProbeTec™ ET System is the first real-time DNA amplification assay for the detection of *Chlamydia trachomatis* (CT) and *Neisseria gonorrhoeae* (GC). Based on proprietary BD technology, Strand Displacement Amplification (SDA) and real-time homogeneous detection, the system's design combines short time-to-results, minimal labor, high throughput and ease-of-use to make the BD ProbeTec ET System the choice for laboratories throughout the world.

## “Our institution

*evaluated over 1,000 specimens from the target population by three amplified CT and GC methods in parallel, and found the BD ProbeTec method as sensitive and specific as the reference method. It was the easiest to perform, required the least maintenance and clean-up, and needed the least space for specimen preparation and performance of the test. The BD ProbeTec was also the most flexible procedure...”*

— Steve Wood  
Kaiser Permanente  
Northern California Regional Laboratory



real-time amplification

automated format



## One hour automated format

The BD ProbeTec™ ET System provides results in a one hour assay format. With only one moving part, reliability is maximized, enhancing laboratory productivity. Bar code support and LIS connectivity save time and eliminate errors.

### *“Another advantage*

*of the BD ProbeTec is the GC/CT are run simultaneously. The Abbott LCx ran one assay at a time, each taking one hour. The BD ProbeTec runs both assays and does the amplification within the instrument in one hour.”*

— Phyllis Holloway, MT (ASCP)  
Corpus Christi Women's Clinic

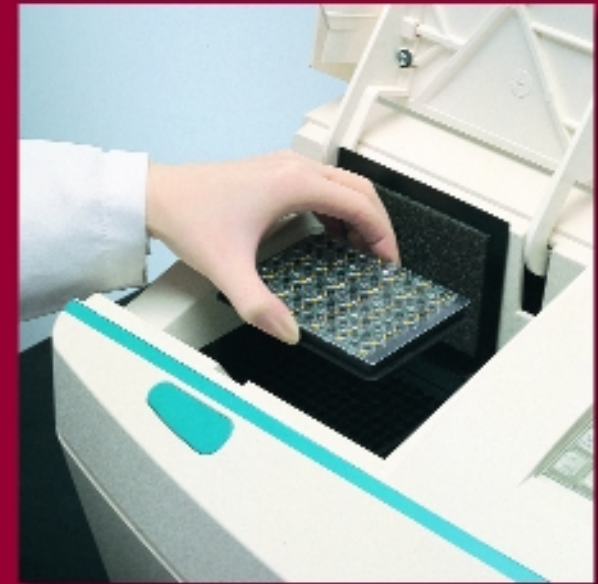
## Reduce costs with an innovative closed reagent system

Once the amplification wells are sealed they are never opened—minimizing the potential for amplicon contamination. Predispensed dry reagents require no mixing or dispensing, so there's no chance of contaminating the liquid master mix. The color-coded assay design provides easy identification which reduces testing errors.

### *“The closed system*

*eliminates contamination worries, while other systems require multiple labs to avoid cross contamination. All supplies are stored at room temperature eliminating the need for refrigerator space.”*

— Lisa Cosentino  
Magee-Womens Research Institute



closed reagent system

## Easy-to-use, efficient workflow

Designed for today's and tomorrow's laboratory, the BD ProbeTec™ ET System has a compact design supporting a workflow performed in one work area. The workflow procedure is easily and quickly learned by staff. The multi-channel, programmable pipettor reduces pipetting steps to a minimum.



### *“I would recommend*

*the instrument to anyone who is seeking an easy, user friendly, reliable and cost-effective system for CT and GC DNA detection. We are extremely happy and satisfied with our selection of the BD ProbeTec.”*

— David King Jr.  
University Health Care System

# easy and efficient

## User-friendly workflow procedure

Specimen should be processed according to assay-specific procedures.



Specimens are incubated for lysis.



Lysed specimen is added to the Priming plate to reconstitute reagents.



Reconstituted Priming plate is incubated with the Amplification plate.



Specimen is transferred from the Priming plate to the Amplification plate.



Plate sealer is placed onto the Amplification plate.



Sealed plate is placed in the BD ProbeTec™ ET instrument. Results are available in 60 minutes.

### *“The sample processing*

*is easy, daily maintenance consists of taking temperatures, there is no weekly and little monthly maintenance. We only need one room and have blocks of time we can leave to help in other areas of the lab.”*

— Betty Herndon, BSMT (ASCP), SM  
Virginia Commonwealth University  
Health System, MCV Hospitals and Physicians

# user-friendly workflow



## Up to 564 results per shift

Up to 564 samples for *Chlamydia trachomatis* alone, or 276 samples for *Chlamydia trachomatis* and *Neisseria gonorrhoeae* combined, can be completed in a single eight-hour shift using a single instrument.



### *“Our high volume laboratory*

*is able to perform testing on an increased number of specimens in one working day and reduce the number of days per week testing is performed. The BD ProbeTec™ System allows technologists to process specimens to predetermined stopping points throughout the testing procedure and resume processing on a different day. The technologist can then better serve the needs of the laboratory.*

*A valued feature the system offers is the ability to load a batch of specimens into the instrument and “walk away.” The technologist can leave the laboratory at the end of the work day and return the next day to enter results.”*

— Susan Swearingen  
University of Pennsylvania Medical Center

# high throughput

# Ordering Information

## Equipment

- 440478 . . . BD ProbeTec™ ET Instrument
- 440480 . . . BD ProbeTec™ ET Priming and Warming Heater
- 440483 . . . BD ProbeTec™ ET Lysing Heater
- 440502 . . . BD ProbeTec™ ET Lysing Rack
- 445882 . . . BD ProbeTec™ ET Printer
- 440487 . . . BD ProbeTec™ ET Pipettor
- 426010 . . . CA6000 Centrifuge

## Reagent Packs and Diluents

- 440450 . . . BD ProbeTec™ ET CT/GC/AC Reagent Pack . . . . 384 Tests
- 440474 . . . BD ProbeTec™ ET CT/AC Reagent Pack . . . . . 384 Tests
- 440705 . . . BD ProbeTec™ ET CT/GC Reagent Pack . . . . . 384 Tests
- 440704 . . . BD ProbeTec™ ET CT Reagent Pack . . . . . 384 Tests
- 440452 . . . BD ProbeTec™ ET CT/GC Diluent Tubes . . . . . 400 Tubes
- 440453 . . . BD ProbeTec™ ET Diluent (CT/GC). . . . . 4 x 250 mL
- 440454 . . . BD ProbeTec™ ET Urine Processing Kit . . . . . 4 Pouches x 25 Each

## Transport Systems

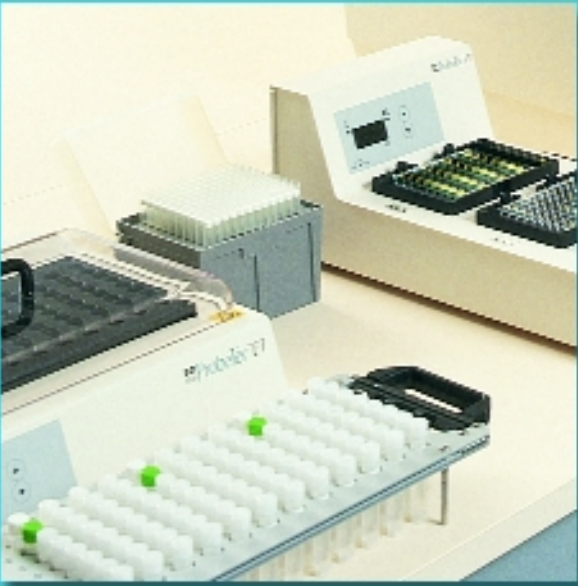
- 440476 . . . BD ProbeTec™ ET CT/GC Endocervical Specimen Collection and Dry Transport System—Pink Cap
- 440461 . . . BD ProbeTec™ ET CT/GC Urethral Specimen Collection and Dry Transport System—Blue Cap
- 220142 . . . BD ProbeTec™ ET CT/GC Collection Kit for Endocervical Specimens—Pink Package
- 220143 . . . BD ProbeTec™ ET CT/GC Collection Kit for Urethral Specimens—Blue Package

## Control Set

- 440451 . . . BD ProbeTec™ ET CT/GC Control Set

## Miscellaneous Supplies

- 440455 . . . BD ProbeTec™ ET Sample Tubes and Caps . . . . 400 Each
- 440456 . . . BD ProbeTec™ ET Sample Tube Caps . . . . . 400 Each
- 440457 . . . BD ProbeTec™ ET Accessories Kit . . . . . 20 Primer Covers, Plate Sealers, Disposable Bags
- 440458 . . . BD ProbeTec™ ET Pipette Tips . . . . . 720 Tips





Real-time amplification  
One hour automated format  
Closed reagent system  
Easy and efficient  
User-friendly workflow  
High throughput

## *“The BD ProbeTec*

*has been the best decision I have made in my twelve years as a laboratory director. In the first nine months of testing, our positivity rates for GC and CT increased. For Chlamydia it increased from 5.7% to 7.3%.”*

— William A. Lawrence, MPH  
County of Riverside Health Services Agency  
Department of Public Health



**BD Diagnostic Systems**

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