

# Quantitative Polymerase Chain Reaction - qPCR

Contact us:



We offer our clients a next generation real-time quantitative PCR based assay that identifies 3 most prevalent non-viral sexually transmitted infections—**CT, GC and TV—in a single assay**

Open Array Format with 18(x3) Assays and 48 Samples



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## PREMIER MEDICAL LAB

35-37 Progress Street, Ste A-2,  
Edison, NJ 08820



• FAST • ACCURATE • CONVENIENT • RELIABLE

We offer a next generation  
Real-time qPCR



We provide:

- **Next Day** results
- **Easy Access** via web portal
- The assay can accommodate **urine, vaginal swab, or endocervical swab samples**
- **Lab Supplies**

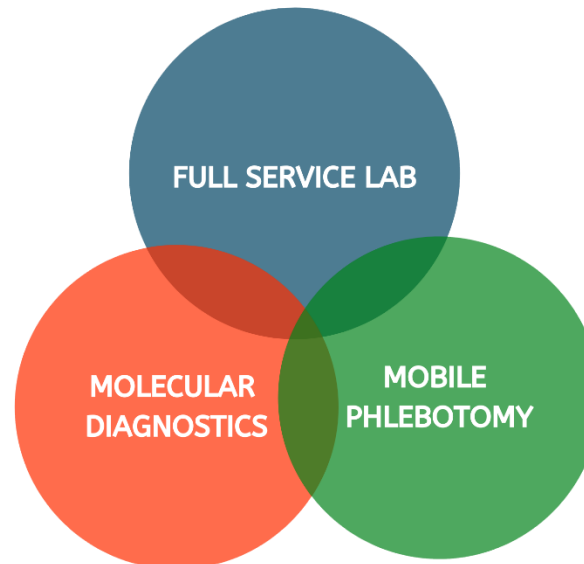
# BD MAX™ CT/GC/TV

- ❖ The panel demonstrates 95.7% & 99.2% for **CT**, 97.1% & 99.9% for **GC**, and 94.1% & 99.2% for **TV** (females only) overall sensitivity and specificity for CT, GC, and TV, respectively, using a urine specimen, a vaginal swab, or an endocervical swab.
- ❖ The panel identifies and **reports CT, GC, and TV in one collection**. In cases where co-infections are present, concurrent diagnosis of these 3 infections may improve treatment coverage.
- ❖ The panel uses NAAT for TV, which is more accurate than traditional methods and is the current recommended method.
- ❖ nucleic acid amplification test (NAAT) is the **recommended standard of care for CT, GC, and TV** testing because it is a highly sensitive and specific test.
- ❖ Though many laboratories run CT/GC separately from trichomonas today, test options that can **provide results for all 3 STIs** are ideal in settings where the population is at increased risk. Such a triplex test could increase efficiency through reduction of labor and detect more infections than panels that cover CT or GC alone.

## Organisms Included in BD MAX™ CT/GC/TV

### 3 most prevalent non-viral sexually transmitted infections—CT, GC and TV—in a single assay

- Chlamydia trachomatis (CT)
- Neisseria gonorrhoeae (GC)
- Trichomonas vaginalis (TV)



## Benefits of qPCR vs Traditional Methods

- **Full report in 24-48 hours** vs up to 6 weeks in traditional methods
- **Removes "human factor"** in organism identification
- Is the **recommended standard of care** for CT, GC, and TV testing because it is a highly sensitive and specific test
- Clinicians and patients (in a clinical setting) can **improve their clinical coverage of STI diagnostics** without any incremental labor for TV by testing these 3 STIs with a triplex test. After just 1 run, results are provided as clear positives or negatives for all 3 infections.
- **Clear and easy** to interpret with easy access through provided Software