



## G Swab®

### One Patient Visit, One Vaginal Swab – Multiple Tests

#### **CT/NG** *Chlamydia trachomatis* and *Neisseria gonorrhoeae* by RealTime PCR

- **FDA-approved** RealTime CT/NG assay features high specificity and superior sensitivity, producing significantly fewer equivocal test results.
- CT/NG screening (with PCR as the gold standard in testing) is recommended:
  - for all sexually active women age 25 years and younger.
  - for older women with risk factors (a new sex partner or multiple sex partners).
  - for all pregnant women.

#### **Trich** *Trichomonas vaginalis* by real-time PCR

- Most prevalent STI, often untreated due to >50% of infections being asymptomatic.
- Sensitivity far superior to conventional microscopy (97% vs. 60%).
- Prevalence of TV increases with age and is most common in women ages 35-45.

#### **VP** Vaginitis Panel (*Candida* species, *Gardnerella vaginalis*, *Trichomonas vaginalis*)

- **FDA-approved** DNA test that detects *clinically significant levels* of the 3 pathogens that cause up to 90% of all vaginal infections.
- Up to 30% more sensitive than traditional methods (e.g. microscopy).

#### **HSV-1&2** Herpes Simplex Virus types 1 and 2 by PCR

- Emerging gold standard for lesion testing - faster and more sensitive than culture.
- An infected pregnant woman can transmit HSV to her newborn during birth, resulting in disseminated infection, CNS complications, or even death.
- About 1 in 5 women, 14 to 49 years of age, is infected with HSV-2, yet only 1 in 10 people with the infection is aware they have it.

#### **CF** Cystic Fibrosis Mutation Detection

- **FDA-approved** xTAG™ CF kit determines affected or carrier status of the 39 most common CF mutations and 4 associated polymorphisms.
- ACOG recommends DNA screening for Cystic Fibrosis be made available to all couples seeking preconception or prenatal care – not just those with a personal/family history of carrying the CF gene.

### Genetic Assays, Inc.