

### Announcing New Molecular Test for *Trichomonas vaginalis*

Beginning November 30<sup>th</sup>, the Methodist Hospital microbiology laboratory will be replacing the *Trichomonas vaginalis* InPouch culture with the Cepheid Xpert *Trichomonas vaginalis* PCR (Xpert TV). This will represent a significant improvement in sensitivity and turn around time over the pouch culture method.

#### **Performance:**

The sensitivity of the Xpert TV is significantly higher than other methods:

Xpert TV:	96% sensitivity
Wet Prep:	60-70% sensitivity
Culture:	81-82% sensitivity

If you choose to perform wet preps in-office or send wet preps to the laboratory, it is strongly recommended that negative wet preps be followed by a *Trichomonas* PCR. "Wet prep with reflex to *Trichomonas* PCR" will also be available to order and will replace "Wet prep with reflex to *Trichomonas* culture."

#### **Acceptable specimens:**

First-catch female and male urine, endocervical and vaginal swab specimens. Specimens must be placed in the Cepheid transport reagent vial.



New *Trichomonas* sp. collection containers. Red is for swabs. Yellow is for urine.

#### **Turnaround time:**

TAT for the InPouch culture was approximately 3-4 days.

With the Xpert TV, results will now be available within 8 hours of specimen receipt.

Please direct any questions about this new assay to Jennifer Krifka, Microbiology Service Leader (402)354-3147) or Dr. Tess Karre, Microbiology Director (402)354-7842).