

# New Test Announcement



## HPV 16/18 Genotyping at St. Luke's

We are pleased to announce that effective October 1, 2012, human papillomavirus genotyping for subtypes 16/18 (HPV 16/18) will be performed at St. Luke's Hospital Laboratory using Cervista™ HPV 16/18. This new methodology is a molecular assay that uses signal DNA amplification technology (Invader Chemistry) as adjunct to a positive result during HPV HR testing. This testing may be ordered reflexively or as an add-on test but can only be performed on samples positive for HPV HR. HPV 16/18 detects the presence of the oncogenic high-risk HPV subtypes which are found in 70% of cervical cancer. The test:

- Is to be used adjunctively with the Cervista® HPV HR test in patients with atypical squamous cells of undetermined significance (ASCUS) cervical cytology results, to assess the presence or absence of high-risk HPV types 16 and 18.
- Is to be used in women 30 years and older the HPV 16/18 can be used adjunctively with HPV HR in combination with cervical cytology to assess the presence or absence of high-risk HPV types 16 and 18. This information, together with the physician's assessment of cytology history, other risk factors and professional guidelines, may be used to guide patient management.
- Is performed using original sample in which positive results were obtained for HPV HR thus eliminating the need for additional specimen collection.

### Specimen/Transport Requirements:

- Testing will be performed on DNA extracted from the HPV HR positive sample received in the original Cytyc thin prep pap vial
- HPV 16/18 testing may be ordered as a reflex test or added on
- Tests may be ordered for up to 10 weeks post collection
- **Note:** HPVHR positive specimens from September 7, 2012 to present are still available for genotyping.

### To Request:

- Answer the question within the PAP smear or HPV High Risk test, reflex to HPV 16/18 as "Y".
- You may call the St. Luke's Laboratory Cytology department: 218 249 5315.

If you have any questions, please contact Sarah J. Lundeen, M.D, Director of Cytopathology at (218) 249-5208, Jennifer Viergutz, MT (ASCP) Technical Specialist of Immunology at (218) 249-5024 or Romine R. Deming, CT (ASCP) Technical Specialist of Cytopathology at (218) 249-5315.