



High-Risk HPV Genotype 16, 18/45 Testing

Background

High-risk HPV genotyping (16, 18/45) testing is performed by the Laboratory Alliance Microbiology Department. The test will only be performed on specimens that have been previously tested positive for HPV. **Importantly, reflex testing for the high-risk HPV genotypes must be specifically ordered by checking the appropriate box on the Cytology requisition.**

Result

Genotype 16	Negative/Positive/Invalid
Genotype 18/45	Positive/Negative/Invalid

Comments:

- Detection of high-risk HPV (types 16, 18, and 45) mRNA is dependent on the number of copies present in the specimen and may be affected by specimen collection methods, patient factors, stage of infection and the presence of interfering substances.
- A negative Aptima HPV 16 18/45 genotype assay result does not exclude the possibility of cytologic abnormalities or of future or underlying CIN2, CIN3, or cancer.
- Infection with HPV is not an indicator of cytologic HSIL or underlying high-grade CIN, nor does it imply that CIN2, CIN3, or cancer will develop. Most women infected with one or more high-risk HPV types do not develop CIN2, CIN3, or cancer.
- The performance of the Aptima HPV 16 18/45 genotype assay has not been evaluated for HPV vaccinated individuals.
- The Aptima HPV 16 18/45 genotype assay has not been evaluated in cases of suspected abuse
- The Aptima HPV 16 18/45 genotype assay should be interpreted in conjunction with other laboratory and clinical data available to the clinician.

Order Code	HPVGT
Method	RNA Transcription-Mediated Amplification Assay
Collect / Transport	ThinPrep vial / Room temperature
Remarks	Collect in the routine manner using a broom-type collection device. Must be collected prior to the application of acetic acid or iodine. Only cervical swabs submitted in a ThinPrep vial can be tested. Specimens received in any other collection device will be rejected
Schedule of testing	Once per week
CPT Code	87625
Billing Code	3010472

Please contact Dr. Paul Granato, director of microbiology at 315-263-9078 or Mr. Russell Rawling, manager of microbiology, at 315-410-7060 if you have any questions or concerns.