

## Anal ThinPrep Cytology with Human Papillomavirus (HPV) Co-Test, Varies

**Test ID:** ATPCO

**Useful for:**

Detection of malignant and premalignant changes

Detection of high-risk (HR) genotypes associated with the development of anal cancer

Individual genotyping of human papillomavirus (HPV)-16 and HPV-18, if present

May aid in triaging men and women with positive HR-HPV but negative anal Pap smear results

The cobas HPV test is **not recommended** for evaluation of suspected sexual abuse

**Additional Tests:**

Test ID	Reporting Name	Available Separately	Always Performed
AHPV	Anal HPV with Genotyping, PCR, V	No	Yes

**Methods:**

ATPCO: Light Microscopy

AHPV: Real-Time Polymerase Chain Reaction (PCR)

**Testing Algorithm:**

When this test is ordered, a cytology screen and genotyping for high-risk human papillomavirus types will be performed.

**Specimen Requirements:**

**Container/Tube:** ThinPrep/PreservCyt solution vial

**Specimen Volume:** A minimum of 20 mL or entire collection

**Collection Instructions:**

1. Visualize the anal opening by retracting the buttocks.
2. Moisten Dacron or polyester swab past internal anal sphincter until it abuts the distal rectal wall (4-5cm).

3. Rotate the swab 360 degrees and maintain lateral pressure on swab against the walls of the anus. The swab should bow slightly due to the pressure.
4. While rotating, slowly withdraw the swab.
5. Rotate at least 10 times while withdrawing the swab. This should take 20 to 30 seconds.
6. Immediately place swab in the ThinPrep solution. Swish at least 20 to 30 seconds in the ThinPrep solution.
7. Dispose of the swab.
8. Tighten the cap so that the torque line on the cap passes the torque line on the vial.
9. Place labels on the vial and on the bag.
10. Bag ThinPrep specimens individually as they tend to leak during transport.

**Specimen Stability Information:**

Specimen Type	Temperature	Time	Special Container
Varies	Ambient	21 days	THIN PREP

**CPT Code:**

ATPCO: 88112

AHPV: 87624

**Day(s) Performed:** M-F**Report Available:** 3 to 6 days**Questions**

Contact Gina L Kahnke, Laboratory Technologist Resource Coordinator at 800-533-1710.