



Eastside Pathology, Inc., P.S. Specimen Collection Manual

For More Information Please Call us at 425.646.0922

CERVISTA™ HPV HR AND HPV 16/18 THINPREP PAP SPECIMEN

Collection and Submission

Eastside Pathology offers Cervista™ HPV HR DNA and HPV 16/18 Genotype testing on cervical samples collected using Preservcyt (ThinPrep) collection fluid. High Risk HPV DNA testing can be performed regardless of pap result, reflexed based on pap result, or can be ordered alone. HPV 16/18 testing can be ordered with HPV HR or added or reflexed to an HPV HR positive sample. ThinPrep cervical samples have been FDA approved for this method.

For samples which are ordered as HPV regardless of pap result, an aliquot of collection fluid is taken before the pap smear is processed. Reflex HPV HR and/or HPV 16/18 genotype testing may be ordered on the requisition or verbally by the referring physician. Verbal requests must be received within three weeks of specimen collection and verified with a faxed written request for additional testing. A minimum of 2mL of collection fluid is needed for both HPV HR and HPV 16/18 genotype testing. Abundant cellularity is necessary to perform ancillary HPV testing. Samples that lack sufficient cells or contain potentially interfering substances will be determined by an absence of an internal control upon analysis. Such samples will be reported as “Indeterminate”. Specimens are retained at EPI for three weeks from the date of collection.

PATIENT PREPARATION

- For best results, smears should be taken at mid-cycle (between day 12- 18), although this is not essential. Smears should never be taken during active menstruation.
- Patients should be instructed to refrain from intercourse, douching, and the use of intravaginal medications for 48 hours prior to examination.

COLLECTING THE THINPREP PAP SPECIMEN

1. Insert an unlubricated speculum. Tap water or a small amount of normal saline may be used to moisten the speculum.
2. Using a cotton swab, gently remove any visible exudate from the surface of the cervix. DO NOT use any acetic acid dilution prior to collecting the pap.

Broom Collection Device

- a. Using a broom-like device, insert the central bristles deep enough into the endocervical canal so that the outer bristles fully contact the ectocervix. Push gently and rotate 5 times.
- b. Immediately rinse the broom into the Preservcyte solution vial by pushing the broom into the bottom of the vial 10 times, forcing the bristles apart.
- c. As a final step, swirl the broom vigorously to release any additional material. Failure to adequately rinse the broom in Preservcylt solution may result in a sample which will have insufficient cellularity for HPV DNA testing.

Brush/Spatula Collection Device

- a. Using the contoured end of the plastic spatula, rotate 360° around entire exocervix, maintaining tight contact with exocervical cervix.
- b. Rinse spatula in PreservCyt by swirling vigorously 10 times.
- c. Insert Cytobrush Plus GT device into cervix so that only the bottom most bristles are exposed. Slowly rotate ¼ to ½ turn in one direction. DO NOT over rotate, as this may cause excessive bleeding and contaminate the specimen.
- d. Rinse cytobrush in PreservCyt solution by rotating 10 times while pushing against the wall of the vial. Swirl device vigorously to release as much material as possible. Failure to adequately rinse the collection device in Preservcyt solution may result in a sample which will have insufficient cellularity for HPV DNA testing. Discard the collection device. DO NOT LEAVE COLLECTION DEVICE HEAD IN VIAL.

For All Samples

3. Cap the vial and label with patient name and requisition number.
4. Complete the requisition, including the following patient information:
 - a. Test ordered
 - b. Patient name, date of birth, age, address and insurance information
 - c. Physicians name
 - d. Date of examination
 - e. Patients social security number
 - f. Last menstrual period or other pertinent menstrual information
 - g. Any other pertinent Gyn information or observations
 - h. Number of vials sent
 - i. History of abnormal Gyn cytology or histology
5. Place the vial inside a biohazard bag and the requisition into the side pouch.