

## Mt. Sinai Hospital HPV PCR Collection Instructions

### Background

Human Papillomavirus (HPV) is a non-enveloped double-stranded DNA virus with a genome of approximately 8000 nucleotides. The presence of HPV has been found in 99% of cervical cancers. The specimen is collected from the patient using a plastic spatula and brush (supplied) and the specimen is collected into a vial containing liquid preservative medium (ThinPrep®).

### Specimen Collection Supplies

In Common Labs will provide supplies for the collection of cervical/vaginal cells for HPV Detection and Genotyping.

Request supplies by contacting ICL Client Care at info@iclabs.ca or 416-422-3000 ext. 300. Please allow at least 10 working days for receipt.

### Specimen Containers

The specimen container must be labelled as required by accreditation requirements. The specimen must be traceable to the accompanying requisition. The specimen label must contain patient's full first and last name; specimen source (e.g. "Cervix"); and at least one other unique identifier.

### Requisition

A completed ICL HPV Requisition must be submitted. It must include patient's full first and last name, date of birth and gender; a unique identifier; collection date and time; specimen source; relevant history, treatment and medication; and the physician's full name. The requisition must be traceable to the specimen by at least two identifiers. ICL HPV Requisitions are available upon request and via a link on the website.

### Packaging and Transport

Package the specimen container to avoid breakage or leakage. Place container into individual plastic bag. Do not roll container in the requisition or attach the requisition using tape, elastics, staples or patient demographic labels.

### Specimen Collection (ThinPrep® Collection Kit)

Refer to "ThinPrep® Pap Test™ Quick Reference Guide" below.

**Avoid** contamination of smears by lubricant or talcum. CAUTION: Most standard lubricants interfere with the processing of the specimen in the laboratory. **Avoid** sampling in the first 4 days of cycle

**Note:** Collection vials have an expiry date; do not use beyond the date of expiry on the lower right-hand corner of the manufacturer label.

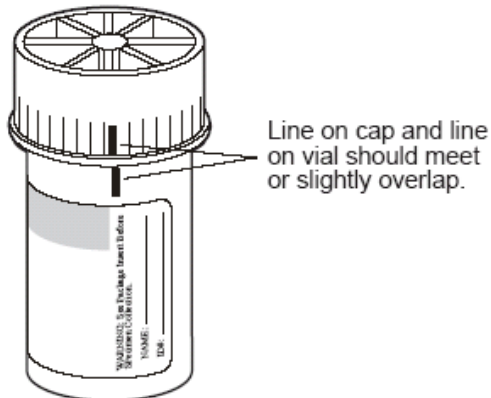
**Note:** It is important to rinse the spatula and brush thoroughly in the collection fluid by swirling several times immediately after collection.

**Minimum specimen volume:** Vial volume must not be less than the opaque area indicated on the vial.

**Maximum specimen volume:** Vial volume must not exceed the opaque area indicated on the vial.

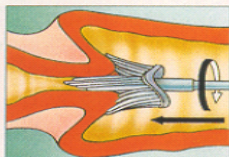
**Label** the specimen and complete the requisition.

**Transport:** Tighten the cap so that the lines on both the cap and the container meet.



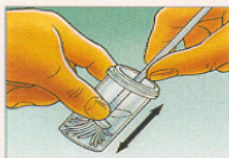
Used with permission from Cytoc Corporation to Mount Sinai Hospital:

## ThinPrep® Pap Test™ Quick Reference Guide Broom-Like Device Protocol



### Obtain...

...an adequate sampling from the cervix using a broom-like device. Insert the central bristles of the broom into the endocervical canal deep enough to allow the shorter bristles to fully contact the ectocervix. Push gently, and rotate the broom in a clockwise direction five times.



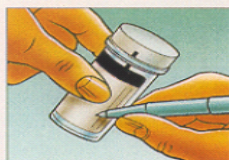
### Rinse...

...the broom as quickly as possible into the PreservCyt® Solution vial by pushing the broom into the bottom of the vial 10 times, forcing the bristles apart. As a final step, swirl the broom vigorously to further release material. Discard the collection device.



### Tighten...

...the cap so that the torque line on the cap passes the torque line on the vial.



### Record...

...the patient's name and ID number on the vial.

...the patient information and medical history on the cytology requisition form.



### Place...

...the vial and requisition in a specimen bag for transport to the laboratory.

[www.thinprep.com](http://www.thinprep.com)

THE  
**ThinPrep**  
PAP TEST

One Vial. More Results.