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**Reporting Title:** HPV PCR w/ Pap Reflex, ThinPrep**Performing Location:** Mayo Clinic Laboratories - Rochester Superior Drive**Necessary Information:**

1. An acceptable cytology request form must accompany specimen containers and include the following: Patient's name, medical record number, date of birth, sex, source (exact location and procedure used), date specimen was taken, name of ordering physician and pager number.
2. Submit any pertinent history, clinical information, or date of last menstrual period.

**Specimen Requirements:****Original ThinPrep/PreservCyt collection vial is required for testing.**

**Only 1 aliquot may be removed from PreservCyt sample vial prior** to performing the ThinPrep Pap Test, regardless of the volume of the aliquot (maximum aliquot volume 3 mL).

For optimal interpretation, Pap smears should be collected near the middle of the menstrual cycle. Avoid douching, lubricant use, and sexual intercourse for 24 hours prior to specimen collection.

**Specimen source is required.****Submit only 1 of the following specimens:****Broom Collection Device:****Specimen Type:** Cervical (endocervical or ectocervical)**Supplies:** Thin Prep Media with Broom Kit (T056)**Container/Tube:** ThinPrep/PreservCyt vial**Specimen Volume:** 20 mL of solution in ThinPrep/PreservCyt vial**Collection Instructions:**

1. Obtain adequate sampling from cervix using a broom-like collection device. If desired, use lukewarm water to warm and lubricate the speculum. 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 5 times.
2. Rinse the broom as quickly as possible into the PreservCyt solution vial by pushing broom into bottom of vial 10 times, forcing the bristles apart.
3. As a final step, swirl broom vigorously to further release material. Discard the broom collection device.
4. Tighten cap on vial so that the torque line on the cap passes the torque line on the vial.
5. **Specimen vial must be labeled with a minimum of 2 unique identifiers** (patient's name and medical record number or date of birth).
6. Bag ThinPrep specimens individually as they have a tendency to leak during transport.
7. Place labels on the vial and on the bag.

**Endocervical Brush/Spatula Collection Device:****Specimen Type:** Ectocervix and endocervix**Supplies:** Thin Prep Media with Spatula and Brush Kit (T434)**Container/Tube:** ThinPrep/PreservCyt vial

## Test Definition: HPVP

Human Papillomavirus (HPV) DNA Detection with Genotyping, High Risk Types by PCR with Papanicolaou Smear Reflex, ThinPrep, Varies

**Specimen Volume:** 20 mL of solution in ThinPrep/PreservCyt vial

**Collection Instructions:**

1. Obtain an adequate sampling from the ectocervix using a plastic spatula. If desired, use lukewarm water to warm and lubricate the speculum. Select the contoured end of plastic spatula and rotate it 360 degrees around the entire exocervix while maintaining tight contact with exocervical surface.
2. Rinse spatula as quickly as possible into the PreservCyt solution vial by swirling spatula vigorously in vial 10 times. Discard the spatula.
3. Next, obtain an adequate specimen from endocervix using an endocervical brush device. Insert the brush into the cervix until only the bottommost fibers are exposed. Slowly rotate 1/4 or 1/2 turn in one direction. **Do not over-rotate.**
4. Rinse the brush as quickly as possible in the PreservCyt solution by rotating the device in the solution 10 times while pushing against the PreservCyt vial wall.
5. Swirl brush vigorously as final step to further release material. Discard the brush.
6. Tighten the cap so that the torque line on the cap passes the torque line on the vial.
7. **Specimen vial must be labeled with a minimum of 2 unique identifiers** (patient's name and medical record number or date of birth).
8. Bag ThinPrep specimens individually as they have a tendency to leak during transport.
9. Place labels on the vial and on bag.

**Forms:**

Specimen Type	Temperature	Time	Special Container
Varies	Ambient (preferred)	42 days	
	Refrigerated	42 days	

**Ask at Order Entry (AOE) Questions:**

Test ID	Question ID	Description	Type	Reportable
HPVP	SRCPV	Specimen Source	Plain Text	Yes
HPVP	HPLMP	Last Menstrual Period	Plain Text	Yes

**Result Codes:**

Result ID	Reporting Name	Type	Unit	LOINC®
SRCPV	Specimen Source	Alphanumeric		31208-2
36402	HPV High Risk type 16, PCR	Alphanumeric		77399-4
36403	HPV High Risk type 18, PCR	Alphanumeric		77400-0
36404	HPV other High Risk types, PCR	Alphanumeric		71431-1
37310	Interpretation	Alphanumeric		77379-6

LOINC® and CPT codes are provided by the performing laboratory.

## Test Definition: HPVP

Human Papillomavirus (HPV) DNA Detection with Genotyping, High Risk Types by PCR with Papanicolaou Smear Reflex, ThinPrep, Varies

**Supplemental Report:**

No

**CPT Code Information:**

87626  
 G0476 (if appropriate)  
 88142 (if appropriate)

**Reflex Tests:**

Test Id	Reporting Name	CPT Units	CPT Code	Always Performed	Available Separately
TPRCY	HPV Cytology Reflex	1	G0123	No	No
TPSPC	Physician Interp Screen	1	88141	No	No

**Result Codes for Reflex Tests:**

Test ID	Result ID	Reporting Name	Type	Unit	LOINC®
TPRCY	71435	Participated in the Interpretation	Alphanumeric		No LOINC Needed
TPRCY	71436	Report electronically signed by	Alphanumeric		19139-5
TPRCY	71437	Addendum	Alphanumeric		35265-8
TPRCY	71438	Gross Description	Alphanumeric		22634-0
TPRCY	71580	Disclaimer	Alphanumeric		62364-5
TPRCY	71826	Case Number	Alphanumeric		80398-1
TPRCY	71434	Interpretation	Alphanumeric		69965-2
TPSPC	TPSPC	Physician Interp Screen	Numeric		59465-5

**Reference Values:**

Human papillomavirus (HPV) with Genotyping polymerase chain reaction: Negative for HPV genotypes 16, 18, 31, 33, 35, 39, 45, 51, 52, 56, 58, 59, 66, and 68

ThinPrep Pap Test: Satisfactory for evaluation. Negative for intraepithelial lesion or malignancy.