



Howard L. Martin, III, M.D.
Laboratory Director

Sample OB/GYN Associates
1234 Anywhere Road
Anywhere, TN 54321

Accession No. WHC-XX-XXXX	MR/Chart No. /	Gender F	D.O.B. 03/28/1968 45 Yrs
Patient Name & Address Jane Q. Public 23 Main Street Anywhere, TN 54321		Date of Service 1-19-14 Date Received 1-20-14 L.M.P. 01-10-14	
Requesting Physician Joe S. Sample, M.D.		Referring Physician Jane S. Test, M.D.	
Clinical History Other: Papanicolaou smear of cervix with atypical squamous cells of undetermined significance (ASC-US); Cervical high risk human papillomavirus (HPV) DNA test positive.		Specimen Source(s) Cervical	

CYTOLOGY DIAGNOSIS

DIAGNOSIS: **NEGATIVE**

Specimen Adequacy: Satisfactory for evaluation; endocervical/transformation zone component present.

Interpretation: Negative for intraepithelial lesion or malignancy. Blood present

Notes: The cervical smear is a screening test with an inherent, but low probability of error. The irreducible false negative rate is approximately 5%. A negative report indicates a low probability of significant cervical pathology within the next year. Nevertheless, your patient should be encouraged to consult you promptly if she experiences new symptoms.

HPV HR (HIGH-RISK) DIAGNOSIS

High-Risk HPV: **POSITIVE**

This patient's sample is positive for the presence of E6/E7 viral messenger RNA from one or more of the following Human Papillomavirus (HPV) types (16, 18, 31, 33, 35, 39, 45, 51, 52, 56, 58, 59, 66, 68). HPV of the anogenital tract is a sexually transmitted disease with the implications for the development of organ specific cancers such as anal and cervical carcinoma. The definitive diagnosis of dysplasia and/or cancer are, however, based on the morphologic assessment of a cytologic (PAP test) or histologic (tissue biopsy) specimen.

Methodology: Testing was performed using the Aptima™ HPV HR assay from Hologic Gen-Probe. This assay is a nucleic acid amplification test for the qualitative detection of E6/E7 viral messenger RNA of high risk HPV types.

HPV 16, 18/45 DIAGNOSIS

HPV Subtype 16: **NEGATIVE**

HPV Subtype 18/45: **POSITIVE**

This patient's sample is positive for the presence of E6/E7 viral messenger RNA from Human Papillomavirus (HPV) high risk type 18/45. This HPV infection is considered high risk for development of dysplasia or neoplasia of the anogenital tract. HPV of the anogenital tract is a sexually transmitted disease with implications for the development of organ specific cancers such as cervical carcinoma. The diagnosis of dysplasia and cancer are based on the morphologic assessment of the Pap test or tissue obtained from biopsy. HPV of the anogenital tract is a sexually transmitted disease with implications for the development of organ specific cancers such as anal carcinoma. The diagnosis of dysplasia and cancer or based on the morphologic assessment of a cytology or tissue specimen obtained from biopsy

Methodology: Testing was performed using the Aptima™ HPV 16, 18/45 Genotype assay from Hologic Gen-Probe. This assay is a nucleic acid amplification test for the qualitative detection of E6/E7 viral messenger RNA of HPV types 16 and 18/45 in women with a positive Aptima™ HPV 16, 18/45 Genotype assay.

Forda Bond CT(ASCP)
Cytotechnologist
Electronically signed January 23, 2014

CPT Code(s): 87621x2, 88175
ICD-9 Code(s): 795.01, 795.05
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All ThinPrep Pap specimens are analyzed by the ThinPrep Imaging System (Hologic Corp.), an automated imaging and review system, which assists the cytotechnologist and/or pathologist in evaluation of cells on ThinPrep Pap Tests.

CYTOLOGY & HPV-HR HISTORY

Date	Diagnosis	HPV	Accession #

MICROSCOPIC IMAGE

