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Pilot Study of a Commercialized Human Papillomavirus (HPV) Genotyping Assay: Comparison of HPV Risk Group to Cytology and Histology



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ABSTRACT

We evaluated a commercialized PCR assay, Linear Array, that detects 37 human papillomavirus (HPV) genotypes, using a sample of liquid cytology specimens ($n = 534$). We found a strong association of an increasing level of HPV risk (HPV type 16 [HPV16] > HPV18 > other carcinogenic types > noncarcinogenic types > negative specimens) with increasing severities of cytologic interpretations ($P_{\text{Trend}} < 0.0005$) and histologic diagnoses ($P_{\text{Trend}} < 0.0005$).

FOOTNOTES

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