

Human Papillomavirus (HPV) Type 16, Droplet Digital PCR, Blood

Test ID: DHPVA

Useful for:

Aid in the monitoring of human papillomavirus (HPV)-16 associated disease.

Disease monitoring after treatment of HPV-related cancer and/or post-treatment surveillance as a prognostic indicator of cancer recurrence.

This test **should not be used** to screen asymptomatic patients.

Methods:

Droplet Digital Polymerase Chain Reaction (ddPCR)

Reference Values:

Not detected

Specimen Requirements:

Supplies:	Streck Tan Top Tube Kit (T715)
Container/Tube:	Streck Cell-Free DNA blood collection kit
Specimen Volume:	Two 10-mL Streck Cell-Free DNA blood collection tubes
Additional Information:	Only blood collected in Streck Cell-Free DNA tubes will be accepted for analysis.
Minimum Volume:	One 10 mL Streck Cell-Free DNA blood collection tube

Specimen Stability Information:

Specimen Type	Temperature	Time
Whole blood	Ambient (preferred)	7 days
	Refrigerated	7 days

Cautions:

This assay will not specify an anatomic location or source of detectable levels of human papillomavirus (HPV).

A result of "Not Detected" does not necessarily eliminate the possibility of HPV infection, or a tumor caused by HPV. Serial measurement of HPV in platelet poor plasma may be recommended based on the patient's clinical presentation.

This assay should only be used for patients with a clinical history and/or symptoms consistent with a confirmed or suspected HPV-related tumor.

Results must be interpreted in the context of a patient's clinical picture.

Variants within the HPV E2, E6 and E7 gene regions targeted by this assay may affect primer and/or probe binding, resulting in the under quantitation of viral fragments or failure to detect the presence of viral fragments. The assay attempts to mitigate this risk by inclusion of multiple gene target regions.

NY State Information:

NY State Available: No (pending review)

CPT Code:

87799

Day(s) Performed: Varies

Report Available: 5 to 10 days

Questions

Contact James Conn, Laboratory Resource Coordinator at 800-533-1710.