

## Human Papillomavirus (HPV) Types 18, 31, 33, and 35, Droplet Digital PCR, Blood

**Test ID:** DHPVB

**Useful for:**

Aid in the monitoring of cancers caused by human papillomavirus (HPV) high-risk genotypes 18, 31, 33, and 35.

Disease monitoring after treatment of an 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:**

<b>Supplies:</b>	Streck Tan Top Tube Kit (T715)
<b>Container/Tube:</b>	Streck Cell-Free DNA blood collection kit
<b>Specimen Volume:</b>	Two 10-mL Streck Cell-Free DNA blood collection tubes
<b>Additional Information:</b>	Only blood collected in Streck Cell-Free DNA tubes will be accepted for analysis.
<b>Minimum Volume:</b>	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 only detects genetic fragments of the following HPV genotypes: 18, 31, 33 and 35.

This assay will not detect other human papillomavirus (HPV) genotypes.

This assay will not specify an anatomic location or source of detectable levels of 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 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 the patient's clinical picture.

Variants within the HPV 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.

**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.