MAYO CLINIC LABORATORIES

Test Definition: DHPVR

Human Papillomavirus (HPV) Type 16 with Type 18, 31, 33, and 35 Reflex, Droplet Digital PCR, Blood

Reporting Title: High Risk HPV ddPCR, Reflex
Performing Location: Rochester

Ordering Guidance:

This test should be used as an initial pre-diagnostic screen to detect and quantify circulating cell free DNA from 5 high-risk human papillomavirus genotypes, including HPV-16, -18, -31, -33 & -35. This test is specific for HPV-16 which accounts for 90% of HPV associated head and neck squamous cell carcinomas. This test should be used as a pre-diagnostic screen without prior knowledge of HPV genotype. If the HPV genotype is known, specific tests for HPV-16 (DHPVA / Human Papillomavirus [HPV] Type 16, Droplet Digital PCR, Blood) or HPV-18, -31, -33 & -35 (DHPVB / Human Papillomavirus [HPV] Types 18, 31, 33, and 35, Droplet Digital PCR, Blood) should be ordered individually for monitoring purposes, as appropriate.

For routine cervical cancer screening, order VHPV / Human Papillomavirus (HPV) Vaginal Detection with Genotyping for High-Risk Types by PCR.

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.

Specimen Minimum Volume:

One 10 mL Streck Cell-Free DNA blood collection tube

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

Result Codes:

Result ID	Reporting Name	Type	Unit	LOINC®
623293	HPV-16 ddPCR Result w/ Reflex	Alphanumeric		61372-9
623294	HPV-16 ddPCR Quant w/ Reflex	Alphanumeric	Fragments/mL	In Process

LOINC and CPT codes are provided by the performing laboratory.

Supplemental Report:

No

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CPT Code Information:

87799

Reference Values:

Not detected