

Kit Components

	Component	No. of Vials	Volume [µl/Vial]
1	DNA Extraction Buffer	1 vial	1800
2	HPV Reaction Mix	1 vial	950
3	PCR Enzyme Mix	1 vial	12
4	Molecular Grade Water	1 vial	400
5	HPV Positive Control	1 vial	100

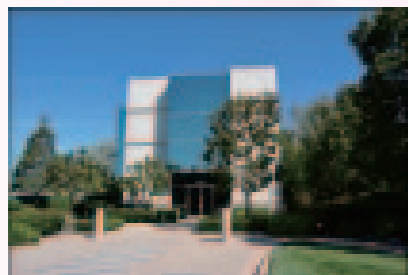
Test Ordering Information

Product Name	No. of Tests/Kit	Cat. No.
High-Risk Human Papillomavirus (HPV) and Genotyping 16 & 18 Real Time PCR Kit	25	TD-0413



Specialist of Real Time PCR Kits & Instruments

Liferiver is a leading PCR-based molecular diagnostics solution provider, developing, manufacturing & selling real-time PCR diagnostic kits as well as instruments. We offer over 300 types of testing kits covering infectious disease, genetic disease, tumor & others. Our products sell to more than 70 countries. With offices in both China & US, we are compliant with ISO13485. Most of our products are CE marked.



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HPV Harmonia

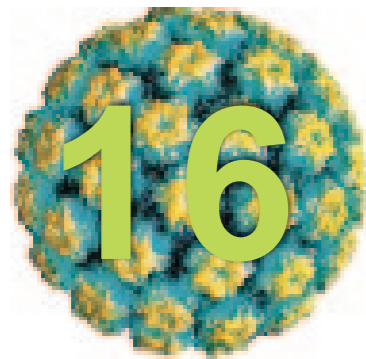
High-Risk Human Papillomavirus (HPV) and Genotyping 16 & 18 Real Time PCR Kit

Simultaneous Genotyping of 12 Pooled HR HPV Types plus Type 16 & 18 Individually

HPV Infection- the Root of Cervical Cancer

Human papillomavirus (HPV) is the most common viral infection of female reproductive tracts. More than **80%** of women get infected with HPV at some point in their lives. Persistent and multiple high risk HPV infections are a necessary factor for the occurrence and development of cervical cancer.

100% of cervical cancers are attributable to high-risk HPV types classified as carcinogenic or probably carcinogenic (i.e. HPV **16, 18, 31, 33, 35, 39, 45, 51, 52, 56, 58, 59, 66 & 68**). HPV **16 & 18** are the most frequently involved types and together account for about **70%** of cervical cancers worldwide.



55%-60% of cervical cancers are caused by HPV 16

HPV 18 also results in a significant proportion of adenocarcinoma, and it is difficult to detect timely through cytology.



HPV Test as the First Choice for Cervical Cancer Screening

In 2015, the Society of Gynecologic Oncology (SGO) and the American Society for Colposcopy and Cervical Pathology (ASCCP) issued an Interim Guidance Report. The report suggests use of primary high-risk human papillomavirus testing for the first-line screening. A HPV test positive for HPV 16/18 should be followed with colposcopy.



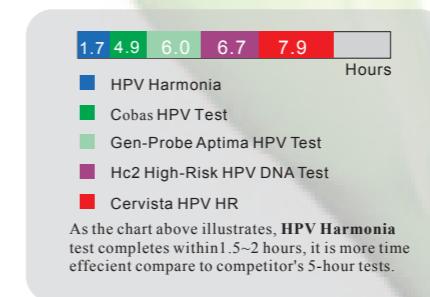
Product Introduction

Liferiver's High-Risk Human Papillomavirus (HPV) and Genotyping 16 & 18 Real Time PCR Kit is an in vitro molecular diagnostic kit for detecting 14 high risk HPV viruses (16, 18, 58, 33, 45, 31, 52, 35, 39, 59, 51, 56, 66 & 68) from genital swabs with multiplex real time PCR assays.

A genomic single-copy gene MNBH is employed as internal control to monitor false negative. When coupled with LIFE 96 Real Time PCR System, the test can be performed automatically and it only takes only 1.5 hours from sample handling to result generation. Liferiver High-Risk Human Papillomavirus (HPV) and Genotyping 16 & 18 Real Time PCR Kit provides HPV screening and genotyping with a simple and fast solution.

Product Features

- **Real-Time PCR Technology**
- **Simultaneous Genotyping of 12 Pooled HR HPV Types + HPV 16 & 18 Individually**
Simultaneously detect 14 high-risk HPV viruses while providing specific genotyping information for HPV 16 and 18.
- **Quick Result**
1.5~2 hours from sample handling to result ready; Process 384 HPV samples (4x96) in a day.
- **Automatic Analysis**
The results are analyzed automatically with LIFE 96 Real Time PCR System.
- **Certificates**
CE marked.



Simple Workflow

