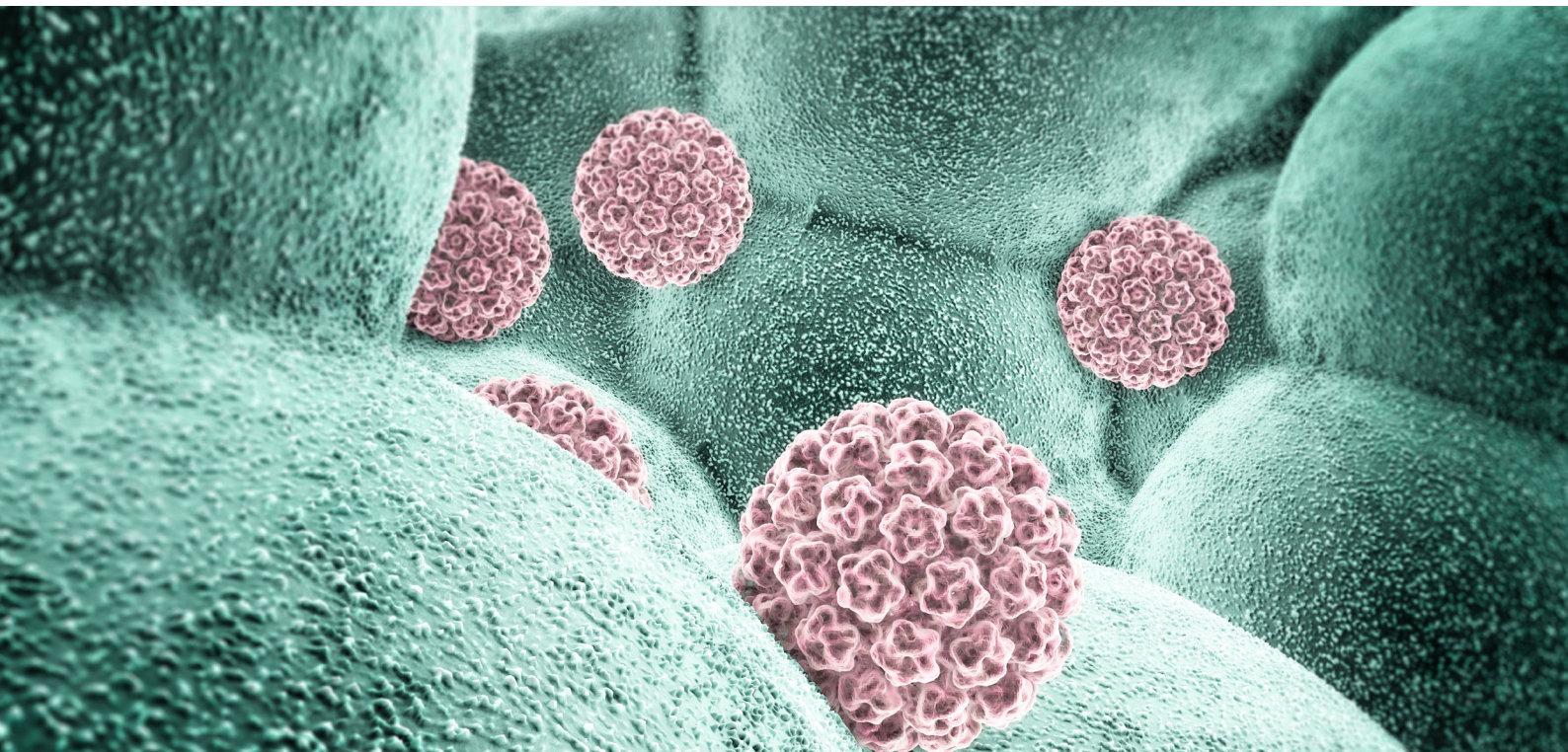


# AMPLIQUALITY HPV-TYPE EXPRESS v3.0

Sensitive and accurate system for detection and genotyping of Human Papillomavirus by Single-Step PCR and Reverse Line Blot.



AMPLIQUALITY HPV-TYPE EXPRESS v3.0 is a sensitive and reliable system for HPV detection and genotyping by Single-Step PCR and Reverse Line Blot.

The system can genotype the following **40 HPV** strains:

**6, 11, 16, 18, 26, 31, 33, 35, 39, 40, 42, 43, 44, 45, 51, 52, 53, 54, 55, 56, 58, 59, 61, 62, 64, 66, 67, 68 (a e b), 69, 70, 71, 72, 73, 81, 82, 83, 84, 87, 89, 90.**

All genotypes, including unlisted strains, are detected by the **Universal HPV Sequence**.

For *in vitro* diagnostic use



# AMPLIQUALITY HPV-TYPE EXPRESS v3.0

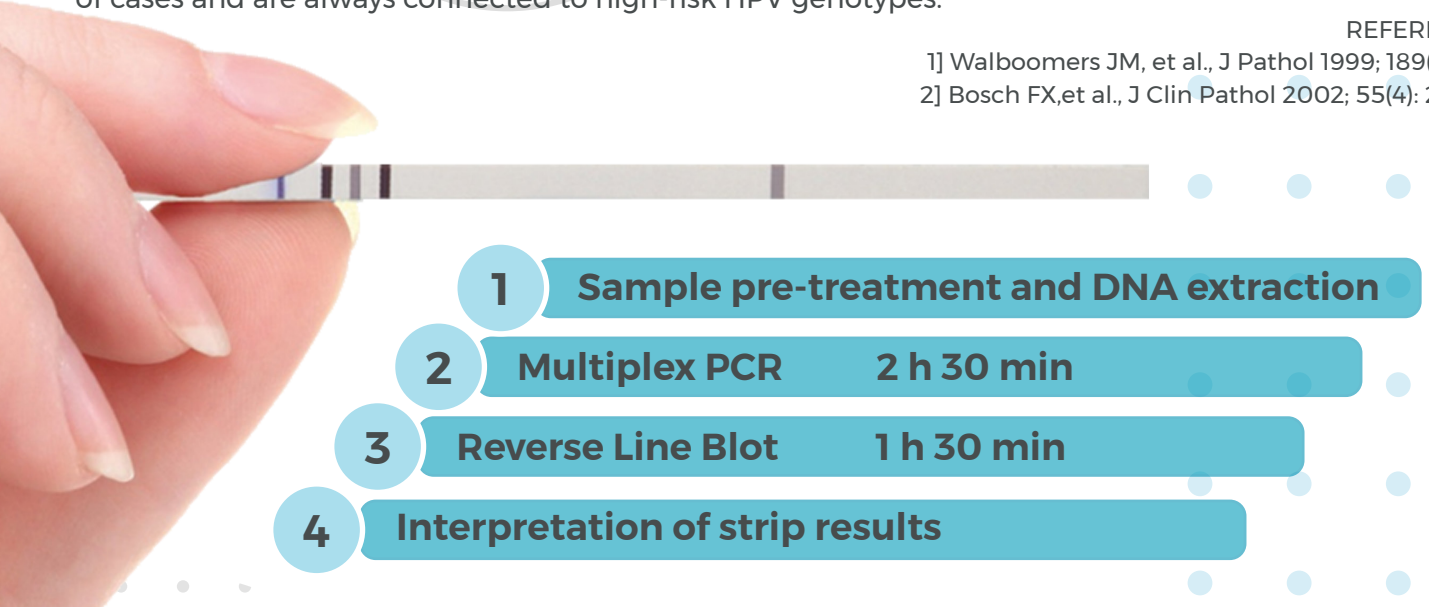
Cervical cancer is the fourth most common cancer in women globally with around 660 000 new cases and around 350 000 deaths in 2022 (WHO 2024). A persistent infection by at least one of several strains of high-risk human papillomaviruses (HR-HPV) is the initial step in the development of many cervical carcinoma [1-2].

While HPV infections are frequent in sexually active individuals, only a persistent infection gives rise to precancerous cervix lesions and eventually cancer. Such persistent HPV-infections occur in a small portion of cases and are always connected to high-risk HPV genotypes.

REFERENCES:

1] Walboomers JM, et al., J Pathol 1999; 189(1): 12-9.

2] Bosch FX, et al., J Clin Pathol 2002; 55(4): 244-65.

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- 1 Sample pre-treatment and DNA extraction
  - 2 Multiplex PCR 2 h 30 min
  - 3 Reverse Line Blot 1 h 30 min
  - 4 Interpretation of strip results

## PRODUCT CHARACTERISTICS:

- Ready-to-use complete PCR MASTERMIX.
- **Internal control (IC)** based on coamplification of housekeeping gene.
- **Positive control** based on plasmid DNA containing a fragment of the HPV 61 genome.
- Includes **dUTP/UNG** system to prevent carry over contamination.
- Optional automation of strip development by using:
  - Autoblots 3000H (MedTec)
  - ProfiBlot™ T48 (Tecan Diagnostics)
  - DYNABLOT Heat (DYNEX TECHNOLOGIES)
- Continuously monitored with the **WHO proficiency panel and the QCMD EQA HPV scheme.**
- Possibility to use the **HPV-TYPE EXPRESS STRIP READER**, software for result interpretation, archiving and creation of customized reports.

## ORDERING INFORMATION:

PRODUCT	CODE	N° TESTS	FORMAT
AMPLIQUALITY HPV-TYPE EXPRESS v3.0	03-35A-20 M	20	Manual
	03-35A-20 A	20	Automated
HPV-TYPE EXPRESS Strip Reader	08-RLB-32	1 CD	Software

## SPECIMENS:

Validated on:

- **cytological specimens**  
cervical, vaginal, urethral and buccal swabs, seminal fluid and vaginal secretion
- **histology samples**  
fresh, frozen or formalin-fixed and paraffin embedded biopsies

Reverse  
Line Blot

