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# **HPV-Analysis**

## - two perfect solutions for use in every lab -

#### **HPV-screening Kit**

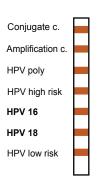
(RDB2082)

Designed for initial HPV screening and screening before vaccination

Differentiation in 18 high- and 6 low risk HPV genotypes

Single detection of HPV 16 + 18

HPV-screening and HPV subtyping from one clinical sample



#### **HPV-typing Kit**

(RDB2080)

Conjugate control
Amplification control
HPV poly
HPV high risk
HPV 16
HPV 18
HPV 45
HPV 30 HR group
HPV 50 HR group
HPV low risk
HPV 6
HPV 11

Subtyping of HPV high and low risk genotypes

Single detection of HPV 16, HPV 18, HPV 45 and the low risk types HPV 6 and 11

Group detection of thirties and fifties high risk types (HPV 31, 33, 35, 39, HPV 51, 52, 53, 56, 58, 59)

Allows the detection of multiple HPV infections and the observation of the development of infection

#### Advantages of the AID HPV-program

Suitable for STD analysis in cervical scrapes, samples coated with paraffin wax and also usable for scrapes of oral and pharyngeal mucosa and blood.

Detection of single high risk HPV types allows evidence for a persistent HPV infection

Specific detection of the HPV types 6, 11, 16 and 18, suitable for a screening before HPV vaccination

Hybridisation step can be automated

Result interpretation with the AID GenoBlot Analyser

### STD assay

(RDB2110)

Designed for initial STD screening

Differentiation of the 5 most common pathogens causing STDs on one strip within 5 hours

Detection of *Chlamydia trachomatis* 

with deleted or mutated variant in the cryptic plasmid

C € 0123 third party certification

Conjugate control
Amplification control
HPV high risk
HPV low risk
HSV 1
HSV 2
C. trachomatis
N. gonorrheae
T. pallidum

#### Literature

Khan et al., 2005

The Elevated 10-year Risk of Cervical Precancer and Cancer in Women with Human Papillomavirus (HPV) Type 16 or 18 and the Possible Utility of Type-Specific HPV-Testing in Clinical Practice

Journal of National Cancer Institute, Vol. 97, No.14, 2005

Hildesheim et al., 2007

Effect of Human Papillomavirus 16/18 L1 Viruslike Particle Vaccine Among Young Women With Preexisting Infection JAMA, Vol. 298, 743-753, 2007

Schneider et al., 2001

Bedeutung des Nachweises von humanen Papillomaviren für die Vorsorge Dt. Ärzteblatt 98: A2517-2521

