



HPV Control Slide

2 slides

For the detection of **human papilloma viruses type 6/11, 16/18, and 31/33/35** by chromogenic *in situ* hybridization (CISH)

FOR RESEARCH USE ONLY

Product No.: **E-4006**

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**Slide control for the detection of human papilloma viruses type 6/11,
16/18, and 31/33/35 by CISH**

Product description

Content: 2 slides each consisting of 4 cell lines: HPV negative control cell line, HPV 6/11 positive cell line, HPV 16/18 positive cell line, and HPV 31/33/35 positive cell line.

Product No.: E-4006 (HPV Control Slide)

Specificity: The HPV Control Slide is designed to be used for the detection of human papilloma virus type 6/11, 16/18, and 31/33/35 by chromogenic *in situ* hybridization (CISH).

Storage/Stability: The HPV Control Slide must be stored at 2-8°C in the dark and is stable through the expiry date printed on the label.

Use: This product is designed for research purposes only and not for use in diagnostic applications.

Safety Precautions: Read the operating instructions prior to use!
Do not use the reagents after the expiry date has been reached!

Although fixation process renders the slides non-infectious, user is advised to observe same safety precautions for handling/disposing potentially infectious agents.

Avoid any direct contact with the reagents. Take appropriate protective measures (use disposable gloves, protective glasses and lab garments)!

If reagents come into contact with skin, rinse skin immediately with copious quantities of water!

A material safety data sheet is available on request for the professional user!

Slide Description:

The [HPV Control Slide](#) consists of 3 cell lines containing different [HPV](#) types and 1 [HPV](#) negative cell line.

The [HPV Control Slide](#) should be used for monitoring the correct performance of a CISH experiment for the detection of HPV in formalin-fixed, paraffin-embedded tissues. For use as an on-slide-control simply mount tissue sample of interest next to the cell lines of the [HPV Control Slide](#) before baking the slide.

Source: Mammalian cell lines containing [HPV sequences](#)

Fixative: 10% neutral buffered formalin (24 h, pH 7.0)

Embedding: Paraffin, red-colored

Thickness: 4 μm

Mounting: Positively charged slides

Pre-Treatment: Pre-baked for 15 min at 58°C

Design:



1: [HPV](#) negative control cell line

2: [HPV 6/11](#) positive cell line

3: [HPV 16/18](#) positive cell line

4: [HPV 31/33/35](#) positive cell line

Instructions:

1. Remove label of [HPV Control Slide](#) and label slide with pencil.

2. For on-slide-control mount tissue sample of interest

3. Bake slide at 60°C for a minimum of 2h up to 16h.

Pre-treatment (dewaxing, proteolysis, post-fixation), *in situ* hybridization, and detection should be carried out according to the needs of the user.

For a particularly user-friendly [HPV](#) detection we recommend the use of ZytoVision's [ZytoFast HPV ISH systems](#). For proteolytic pre-treatment we recommend using ZytoVision's [ZytoFast Pepsin Solution \(T-1051\)](#). Incubation time is 15 mins at 37°C.

Results:

Using appropriate HPV probes a positive staining can be obtained on the different spots of the HPV Control Slide. If the cells of the HPV Control Slide fail to show a positive staining, results of test samples should be considered as being invalid. In case of cross-reactions using single HPV probes please alter washing steps and/or increase stringency of hybridisation/washing. Although a weak cross-hybridization may be obtained, the negative control must stay negative.

Our experts are available to answer your questions.

Trademarks:

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As of: September 9, 2005 (1.0)

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