

# HPV/p16 Quantitative Control

Cell line controls for immunohistochemistry and in situ hybridization.

## Research Use Only

Product Code	Product Description
CC-BRS2002	2 Slide Pack
CC-BRS2003	5 Slide Pack
CC-BRS2004	X1 Cell microarray block

## Application

This product is suitable for use in immunohistochemistry and in situ hybridization.

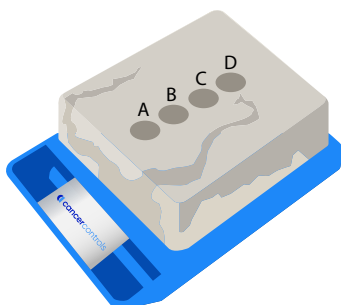
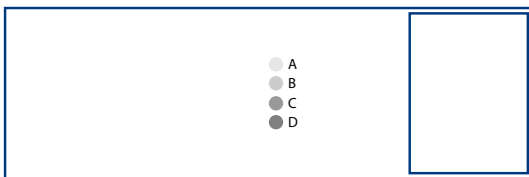
## Materials

Four formalin fixed paraffin embedded cell lines. Three of which contain incorporated HPV 16 and 18 viral genes.

Cell line A: Human breast adenocarcinoma  
 Cell line B: Human cervical squamous cell carcinoma  
 Cell line C: Human cervical adenocarcinoma  
 Cell line D: Human epidermoid carcinoma

Cells are fixed in 10% neutral buffered formalin and paraffin wax embedded.

Sections are cut at 4µm, mounted on positively charged slides and baked overnight at 37°C. Cell microarrays (CMA) contain cores that are 1.5-2mm in diameter and 3-3.5mm in length. It is possible to obtain up to 400 sections depending on thickness and batch cutting.



## Expression Profile

Cell Line	HPV Gene Copy	mRNA E6/E7 Copy	p16 Expression
A	Negative	Negative	Negative
B	Low (1-2 copies/cell)	Low	High
C	Medium	High	High
D	High	High	High

## Storage and Handling

Store at 2-8°C. Do not freeze (for expiration date please see the product label)

## Warnings and Precautions

1. The product is intended for research use only.
2. It is the responsibility of the end user to determine suitability with their reagents and procedures within their laboratory.
3. Do not use after expiration date printed on product labels. The user must validate any storage conditions other than those specified in the package insert.

## Troubleshooting

For further help please feel free to contact [cancercontrols.com](http://cancercontrols.com) at [service@cancercontrols.com](mailto:service@cancercontrols.com).



For updates and additional product information please visit: [cancercontrols.com](http://cancercontrols.com)